

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
 Data File : PL095058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2025 10:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/08/2025
 Supervised By : mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:20:02 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...	3.541	2.768	126.4E6	170.4E6	44.662	47.733
28) SA Decachlor...	9.057	7.903	98947281	179.1E6	46.951	44.327
Target Compounds						
2) A alpha-BHC	3.997	3.270	183.0E6	257.6E6	44.064	47.777
3) MA gamma-BHC...	4.330	3.600	175.5E6	242.5E6	43.994	47.188
4) MA Heptachlor	4.917	3.937	165.9E6	234.0E6	42.730	44.414
5) MB Aldrin	5.259	4.216	160.7E6	224.4E6	43.520	46.008
6) B beta-BHC	4.529	3.901	79638738	106.5E6	43.160	47.964
7) B delta-BHC	4.776	4.129	176.4E6	242.4E6	45.296	48.451
8) B Heptachlo...	5.686	4.720	145.8E6	210.0E6	43.577	45.870
9) A Endosulfan I	6.072	5.090	136.3E6	204.6E6	44.393	46.630
10) B gamma-Chl...	5.942	4.970	148.6E6	224.5E6	44.102	46.489
11) B alpha-Chl...	6.021	5.033	146.8E6	220.0E6	44.538	46.095
12) B 4,4'-DDE	6.195	5.222	144.7E6	224.0E6	49.177	48.190
13) MA Dieldrin	6.346	5.354	143.8E6	225.3E6	44.950	46.440
14) MA Endrin	6.577	5.629	111.3E6	192.6E6	40.151	44.143
15) B Endosulfa...	6.796	5.925	123.2E6	201.8E6	45.373	46.631
16) A 4,4'-DDD	6.712	5.778	113.0E6	185.9E6	52.146	51.689
17) MA 4,4'-DDT	7.026	6.027	109.8E6	188.5E6	46.177	46.758
18) B Endrin al...	6.927	6.104	92336548	151.2E6	43.741	44.941
19) B Endosulfa...	7.162	6.327	110.2E6	185.8E6	45.304	45.624
20) A Methoxychlor	7.503	6.602	57625741	95477628	48.139	45.014
21) B Endrin ke...	7.647	6.830	121.1E6	229.5E6	45.814	48.095m
22) Mirex	8.119	7.011	87097403	171.8E6	42.152	45.255

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
Data File : PL095058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2025 10:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

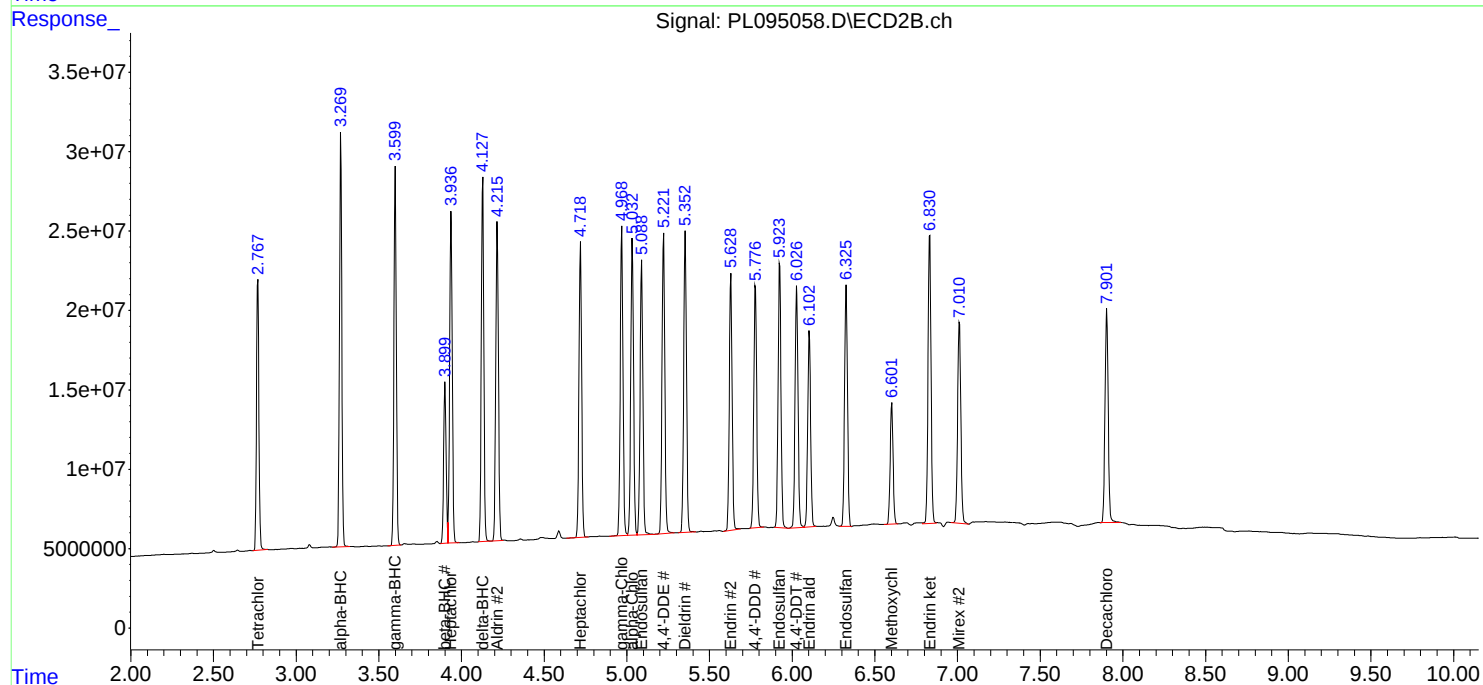
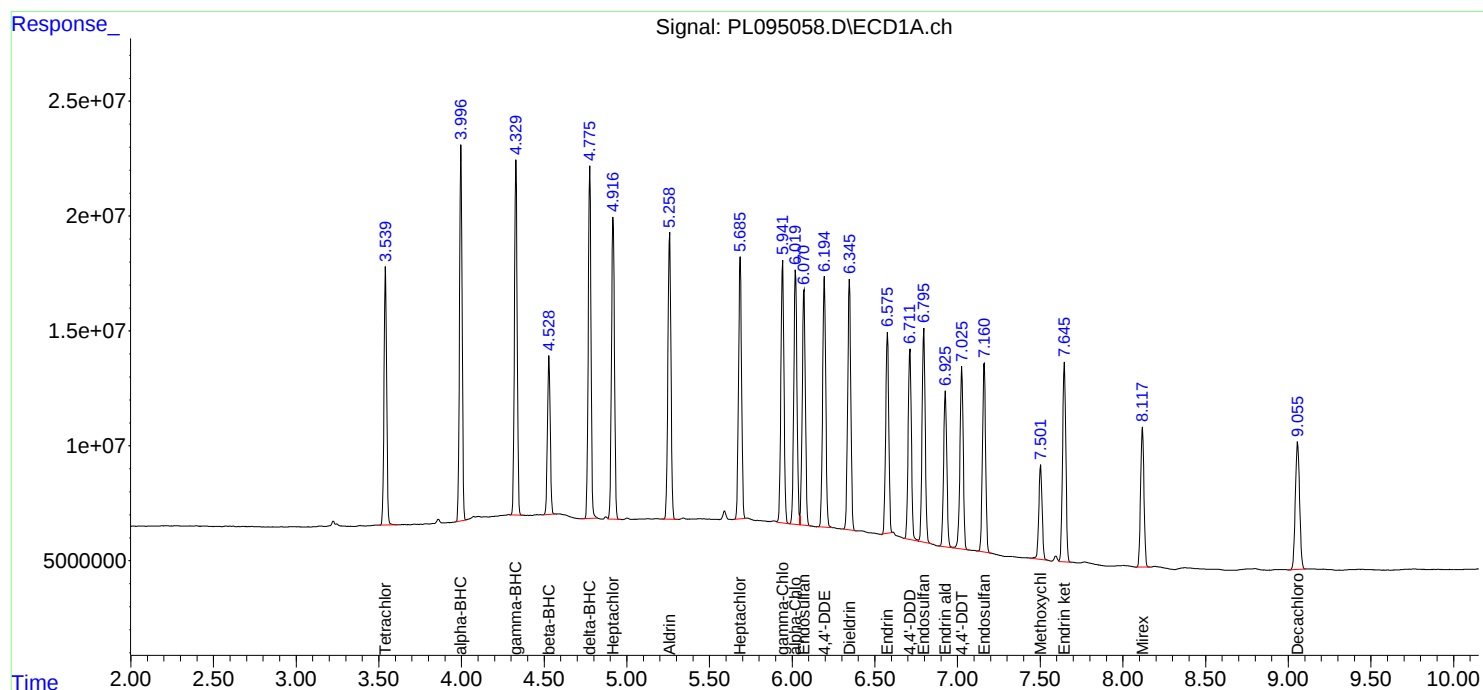
APPROVED

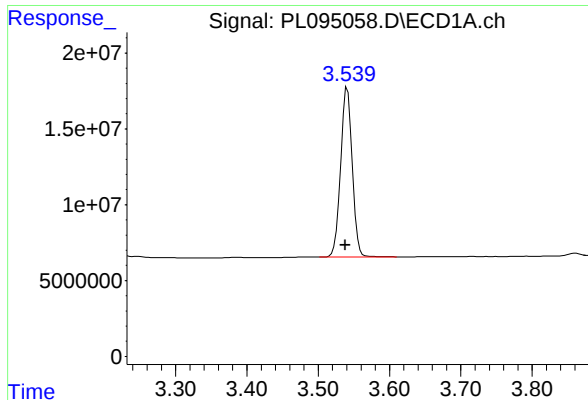
Reviewed By :Abdul Mirza 04/08/2025

Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 02:20:02 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





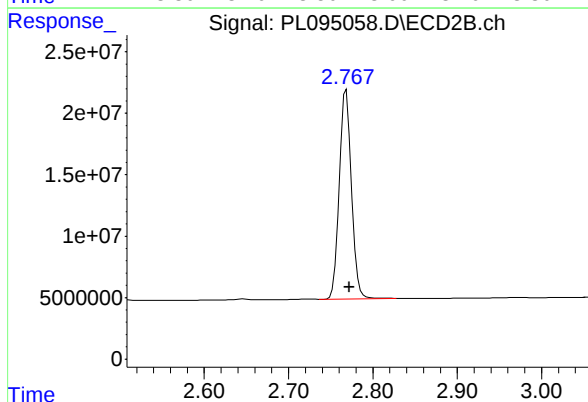
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 126423525
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

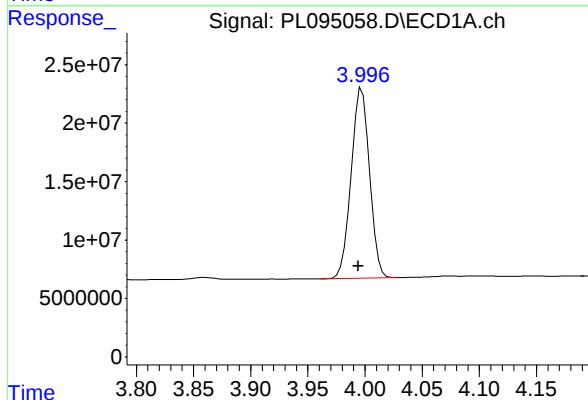
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



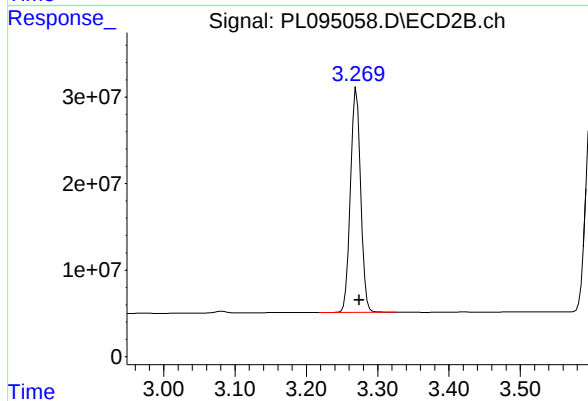
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.003 min
Response: 170371689
Conc: 47.73 ng/ml



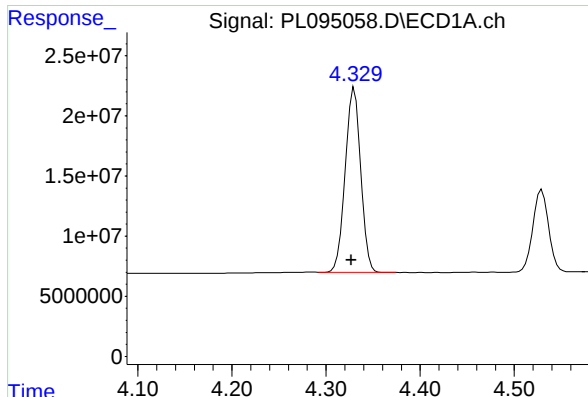
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 182970483
Conc: 44.06 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 257584018
Conc: 47.78 ng/ml



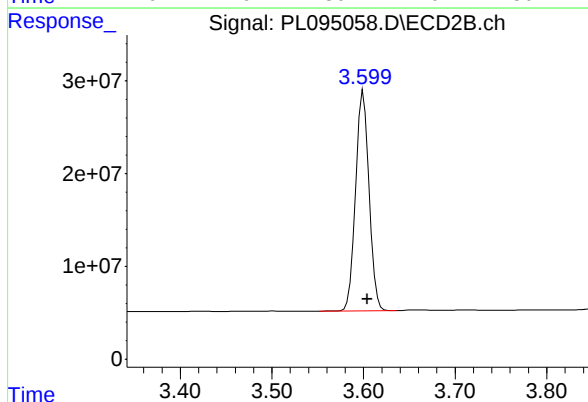
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 175546405
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

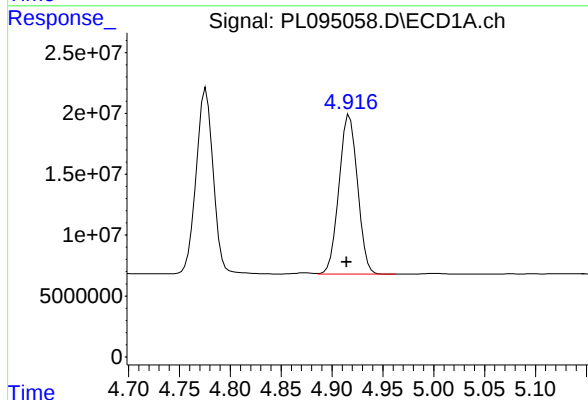
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



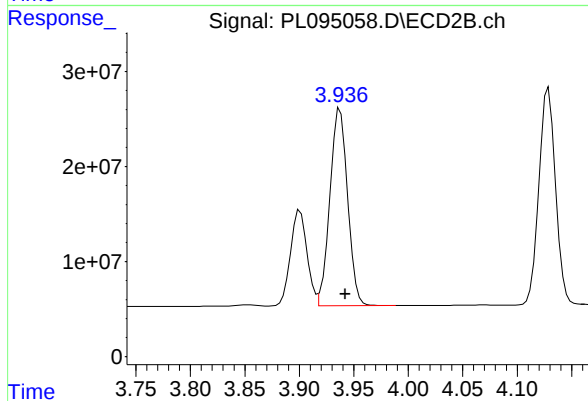
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 242520690
Conc: 47.19 ng/ml



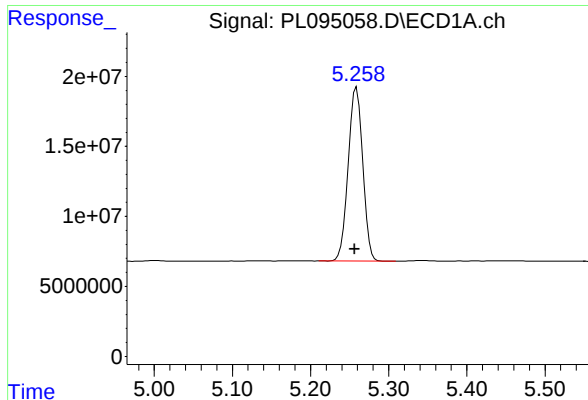
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.003 min
Response: 165862650
Conc: 42.73 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 234002964
Conc: 44.41 ng/ml



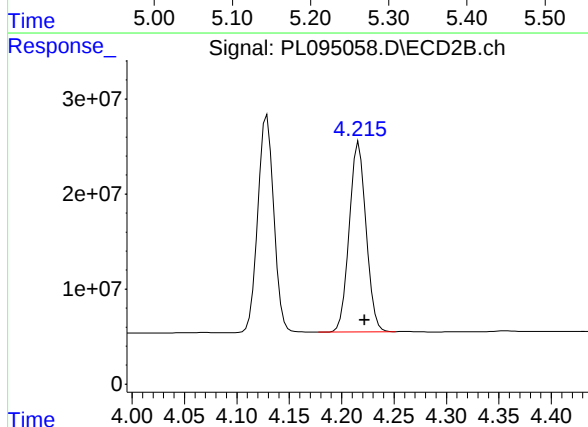
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 160683777
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

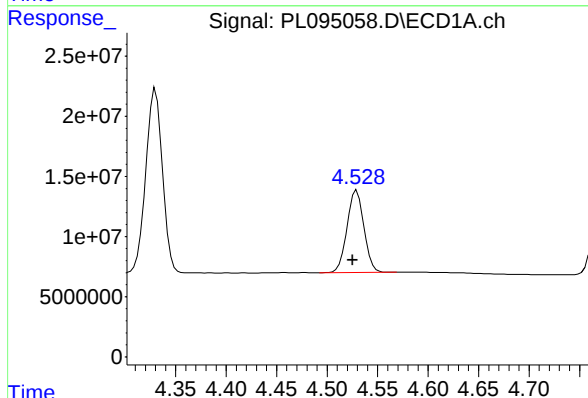
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



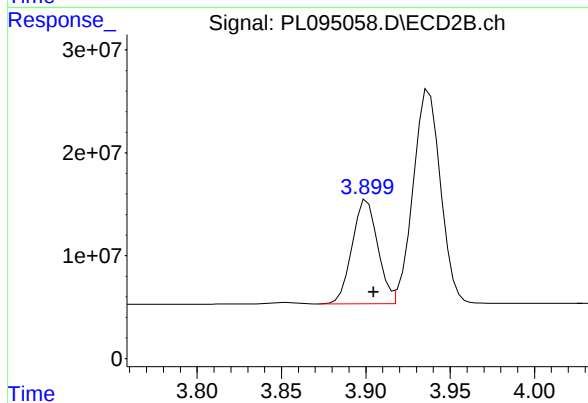
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.005 min
Response: 224352751
Conc: 46.01 ng/ml



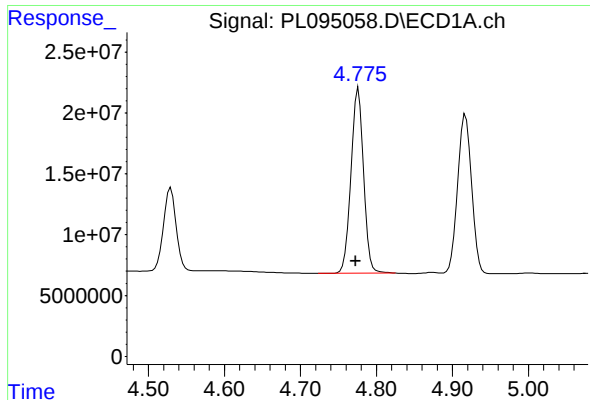
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 79638738
Conc: 43.16 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 106542352
Conc: 47.96 ng/ml



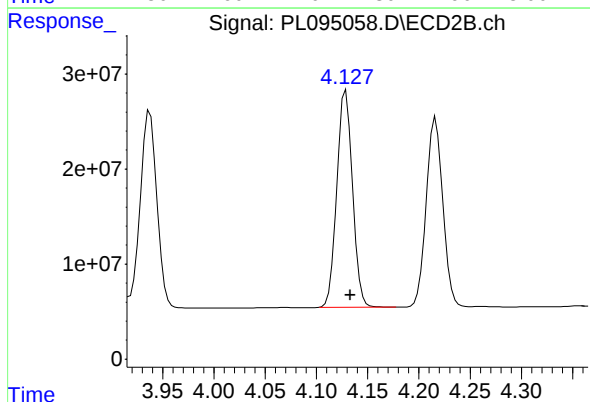
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.003 min
Response: 176395875
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

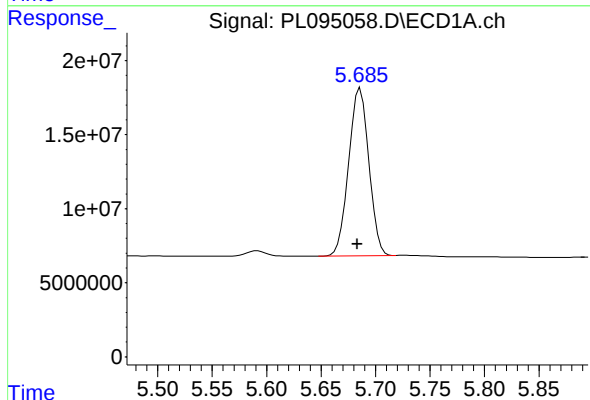
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



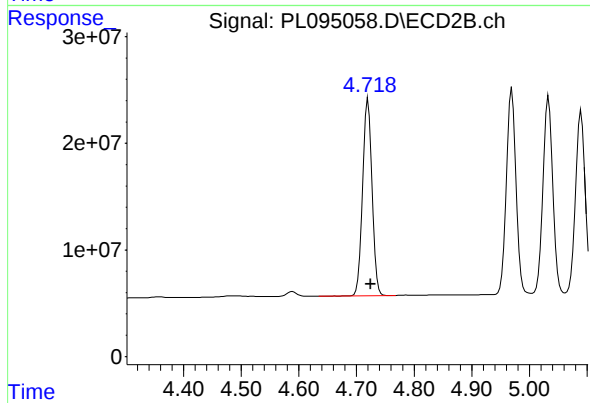
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 242351188
Conc: 48.45 ng/ml



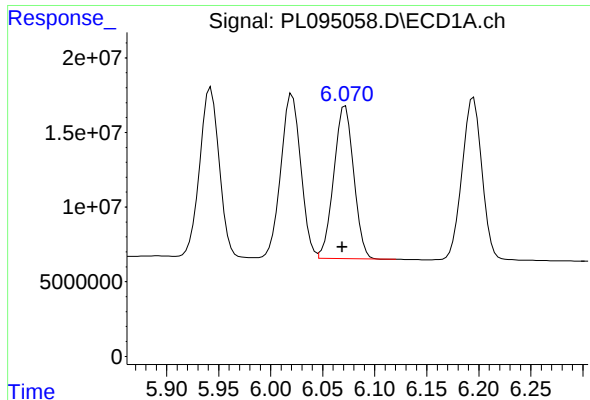
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 145772478
Conc: 43.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 210020434
Conc: 45.87 ng/ml



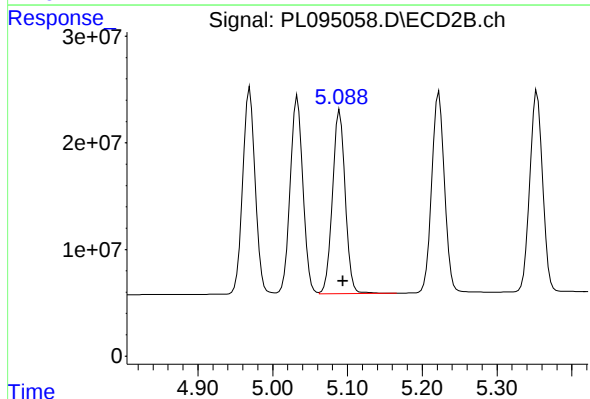
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 136296569
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

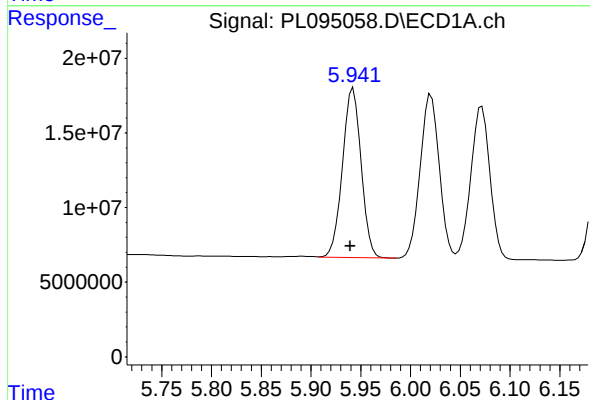
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



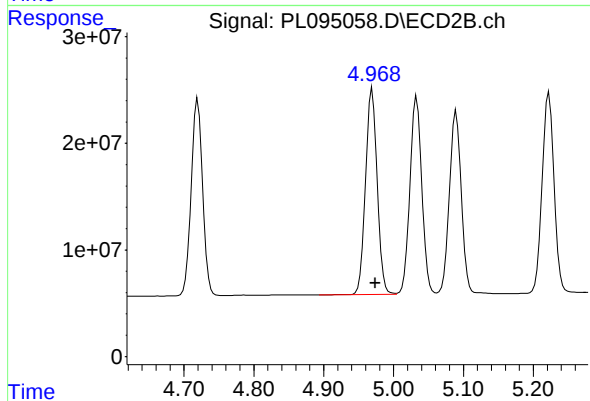
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 204647459
Conc: 46.63 ng/ml



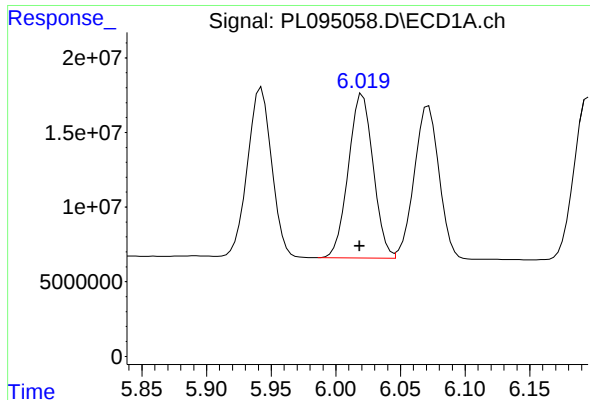
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.003 min
Response: 148594396
Conc: 44.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 224466737
Conc: 46.49 ng/ml



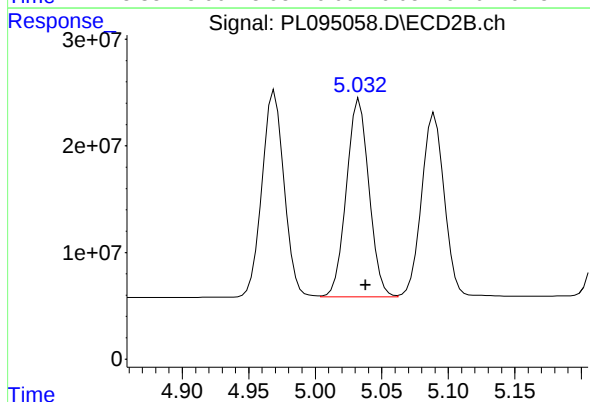
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 146835413
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

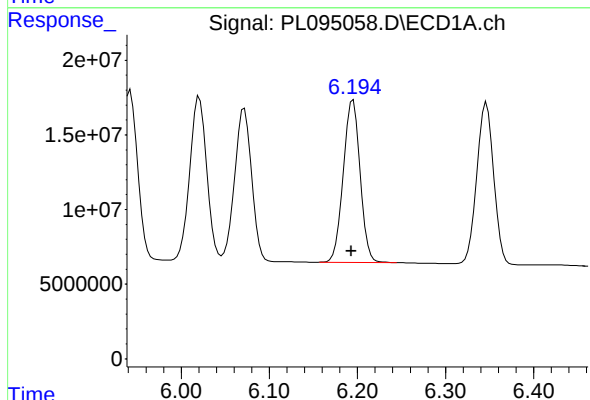
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



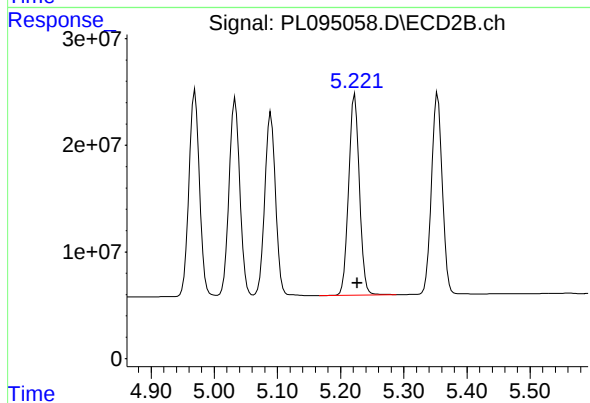
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 219999859
Conc: 46.09 ng/ml



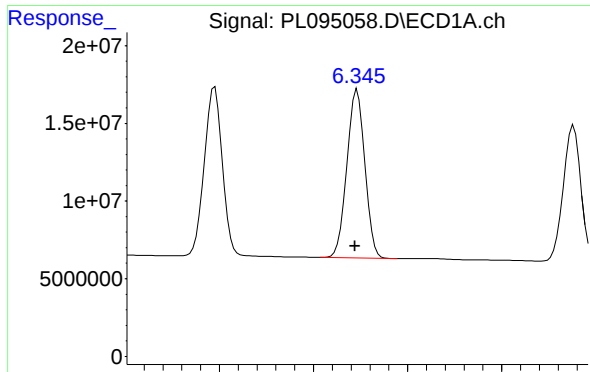
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 144681544
Conc: 49.18 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 224011945
Conc: 48.19 ng/ml



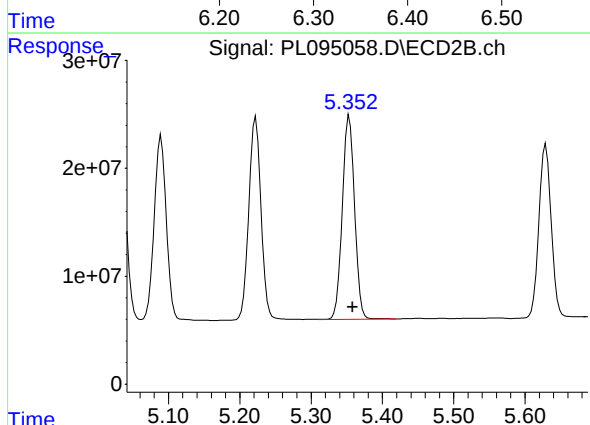
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 143757133
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

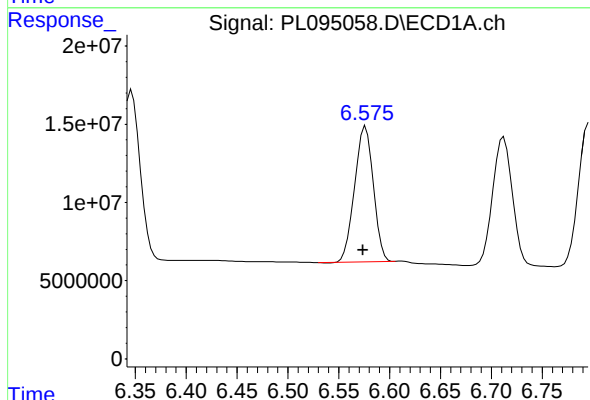
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



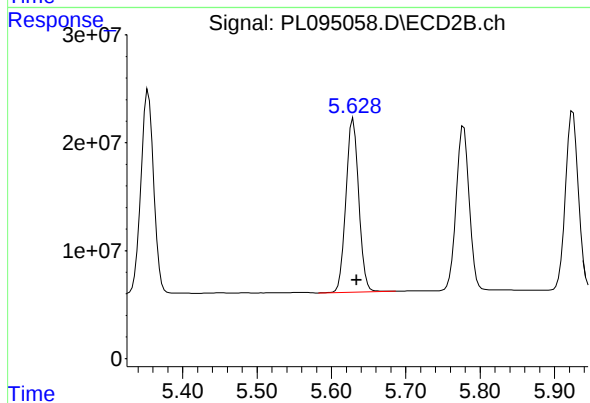
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 225315982
Conc: 46.44 ng/ml



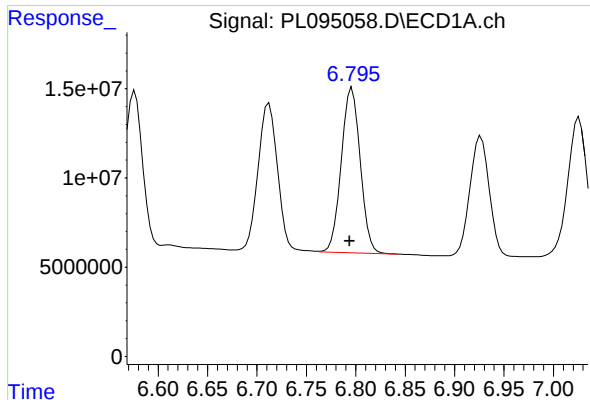
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 111301089
Conc: 40.15 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 192626178
Conc: 44.14 ng/ml



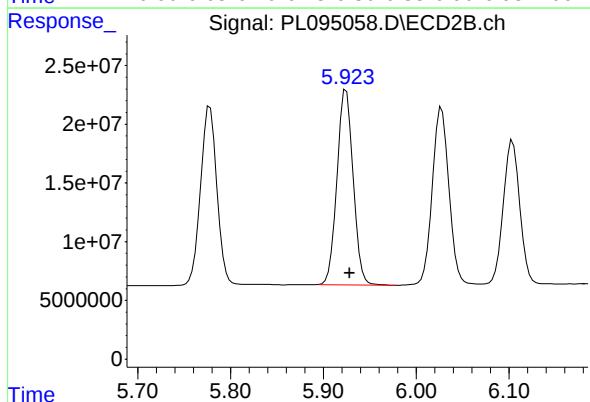
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 123177021
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

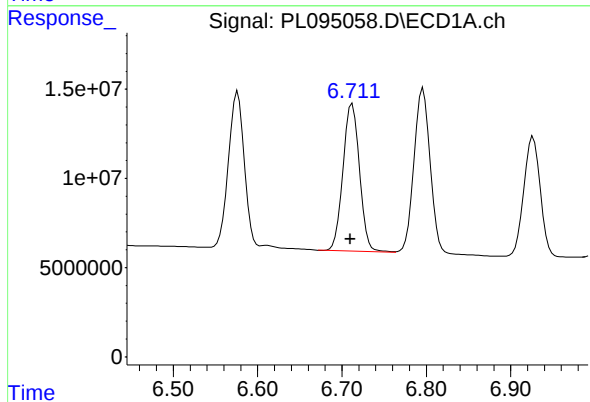
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



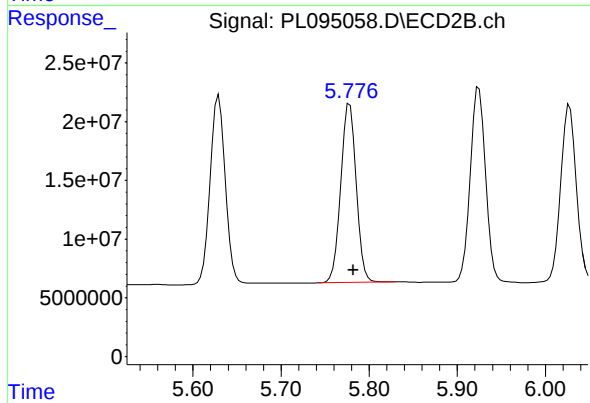
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 201829509
Conc: 46.63 ng/ml



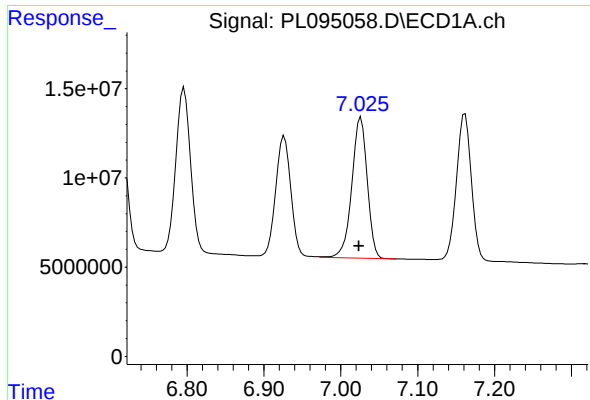
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 112950675
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 185868140
Conc: 51.69 ng/ml



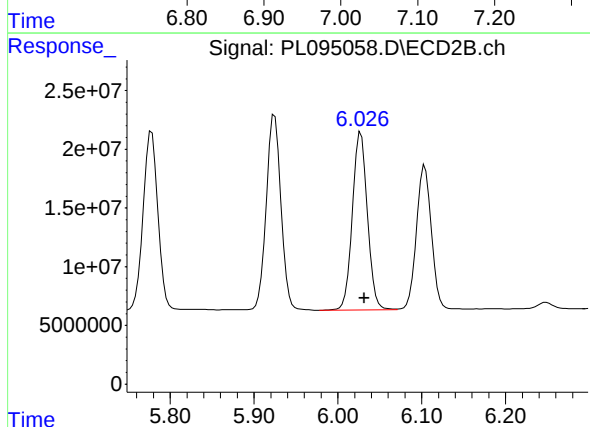
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 109834599
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

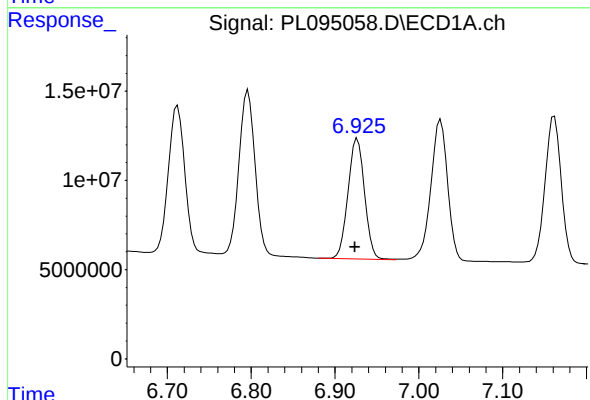
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



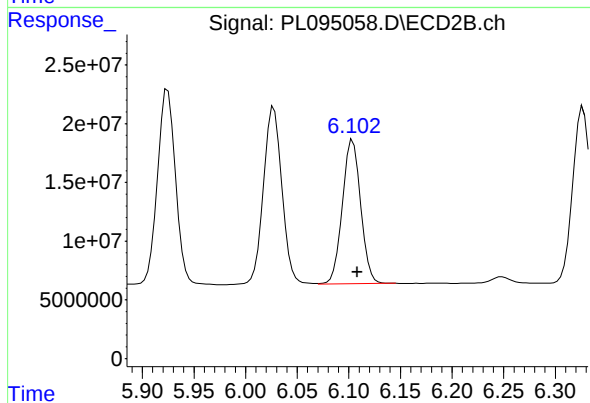
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 188531782
Conc: 46.76 ng/ml



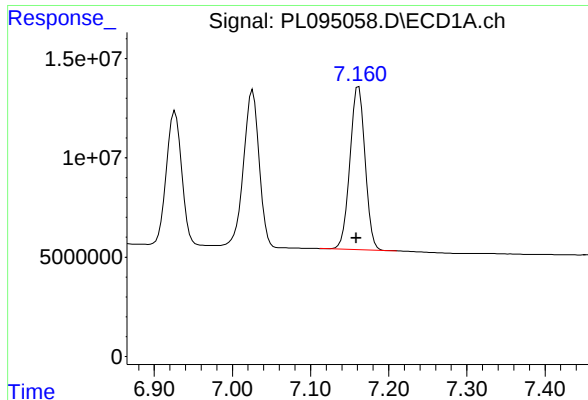
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 92336548
Conc: 43.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 151241851
Conc: 44.94 ng/ml



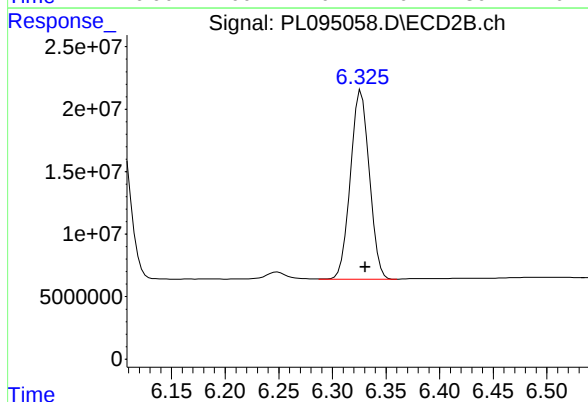
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.003 min
Response: 110181027
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

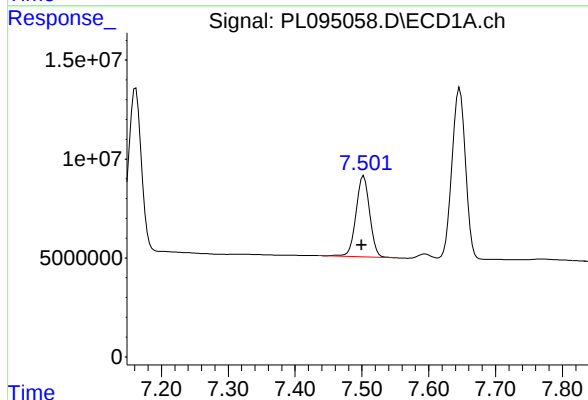
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



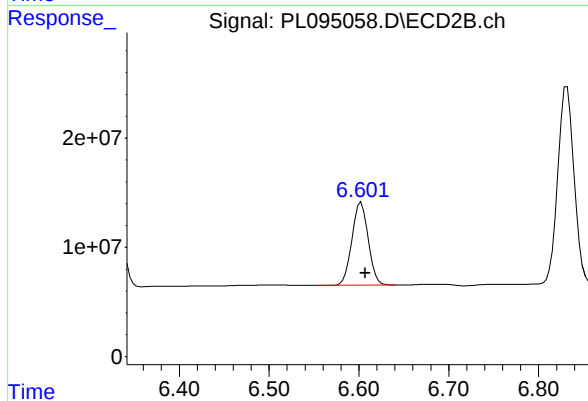
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 185846439
Conc: 45.62 ng/ml



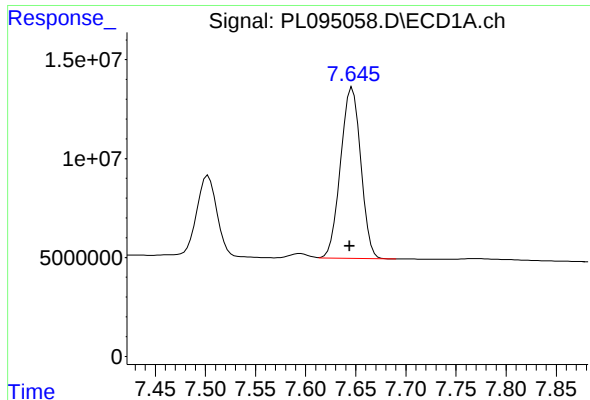
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 57625741
Conc: 48.14 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.004 min
Response: 95477628
Conc: 45.01 ng/ml



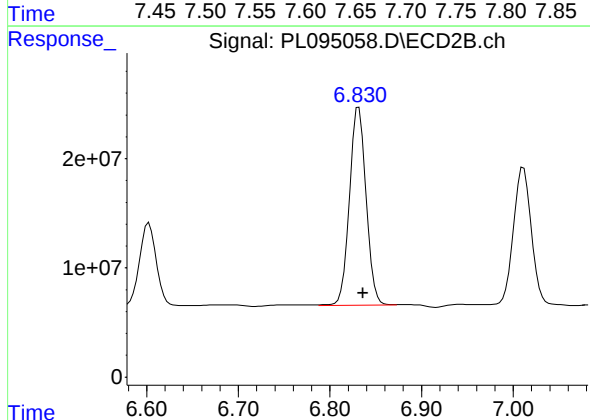
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 121099535
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

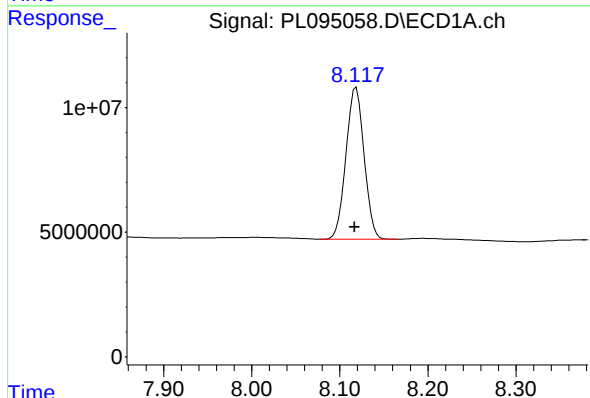
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



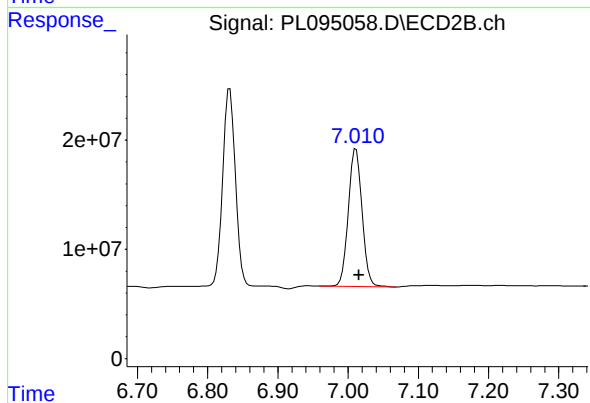
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 229538577
Conc: 48.10 ng/ml m



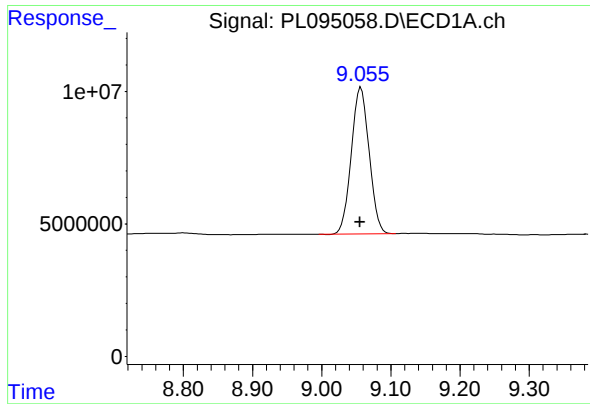
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 87097403
Conc: 42.15 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 171757526
Conc: 45.26 ng/ml



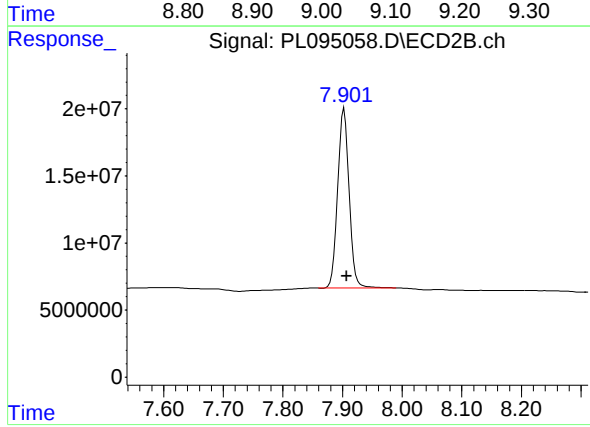
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.001 min
Response: 98947281
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 179051812
Conc: 44.33 ng/ml