

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 15:13
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL042325

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 15:28:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 14:07:39 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...	3.594	2.905	154.4E6	154.0E6	47.297	48.427
2) SA Decachlor...	9.120	8.087	130.3E6	142.7E6	47.035	48.231
Target Compounds						
2) A alpha-BHC	4.045	3.415	235.8E6	218.0E6	47.593	49.009
3) MA gamma-BHC...	4.375	3.748	227.3E6	214.4E6	48.011m	48.752
4) MA Heptachlor	4.974	4.103	213.7E6	210.0E6	46.727	48.192
5) MB Aldrin	5.316	4.388	220.0E6	199.9E6	47.889	48.581
6) B beta-BHC	4.562	4.042	94308785	98829555	45.614	47.609
7) B delta-BHC	4.809	4.278	220.8E6	214.8E6	47.481m	49.029
8) B Heptachlo...	5.737	4.891	190.5E6	186.4E6	47.572	48.260
9) A Endosulfan I	6.120	5.264	183.5E6	176.9E6	48.325	48.341
10) B gamma-Chl...	5.991	5.144	194.9E6	193.2E6	47.767	47.668
11) B alpha-Chl...	6.072	5.208	197.5E6	190.6E6	48.568	47.882
12) B 4,4'-DDE	6.241	5.394	188.3E6	193.3E6	48.037	47.532
13) MA Dieldrin	6.394	5.529	186.0E6	193.7E6	48.243	47.616
14) MA Endrin	6.621	5.804	154.5E6	169.0E6	48.521	46.407
15) B Endosulfa...	6.833	6.094	157.6E6	173.0E6	49.361	48.167
16) A 4,4'-DDD	6.751	5.947	140.1E6	158.3E6	49.490	48.446
17) MA 4,4'-DDT	7.066	6.201	136.1E6	160.2E6	47.766	46.611
18) B Endrin al...	6.962	6.272	111.9E6	125.2E6	48.203	47.895
19) B Endosulfa...	7.195	6.496	134.2E6	159.2E6	47.903	47.991
20) A Methoxychlor	7.538	6.772	65789961	87833349	47.157	46.048
21) B Endrin ke...	7.677	7.002	138.2E6	175.4E6	48.469	49.801
22) Mirex	8.158	7.197	113.5E6	137.9E6	47.769	47.828m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 15:13
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

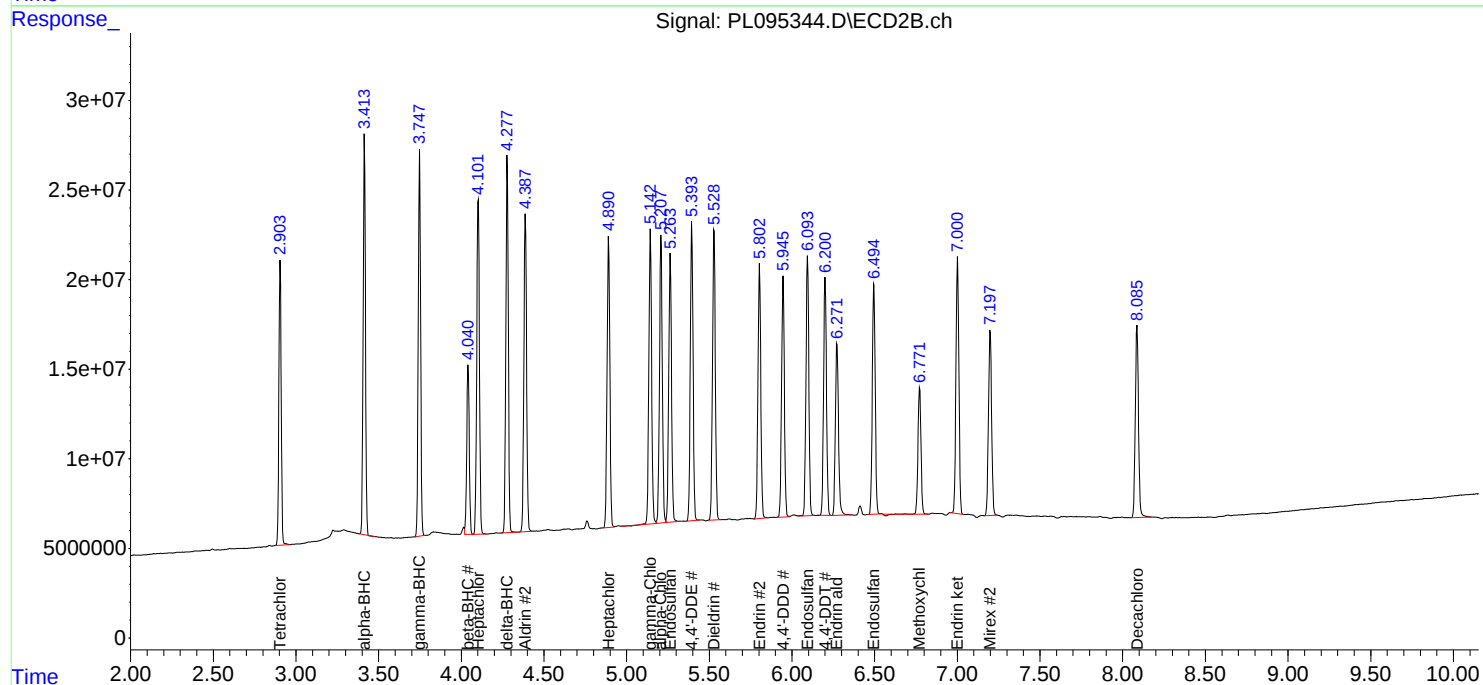
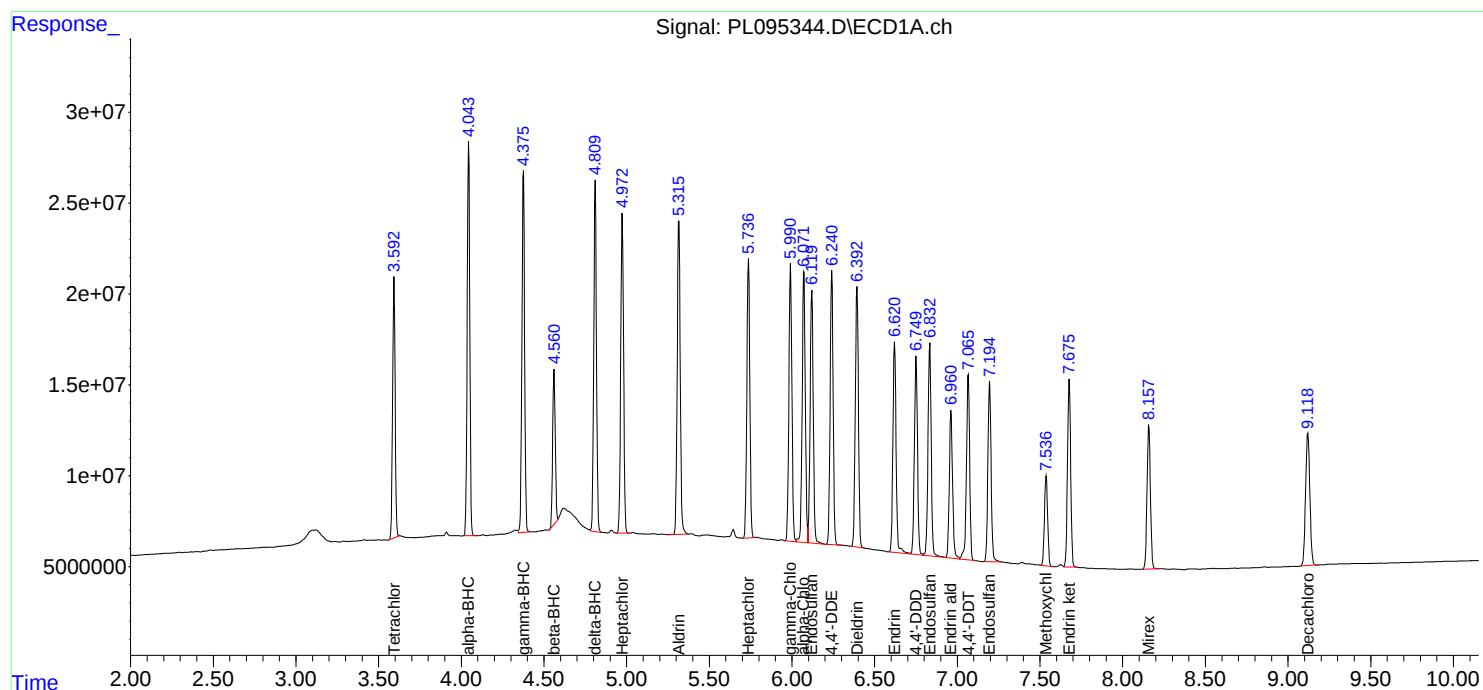
Instrument :
ECD_L
ClientSampleId :
ICVPL042325

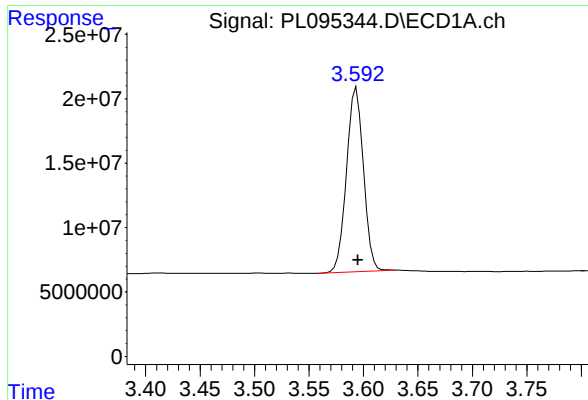
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 15:28:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 14:07:39 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





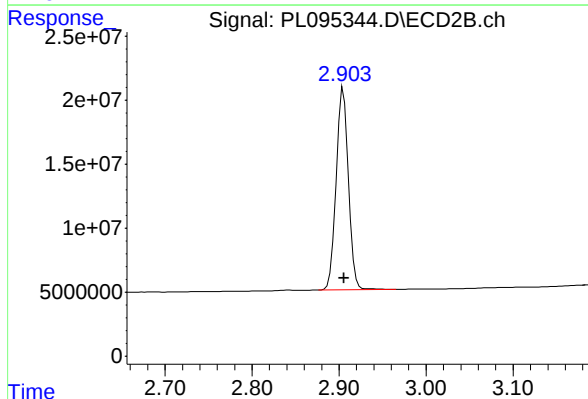
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.001 min
Response: 154410740
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

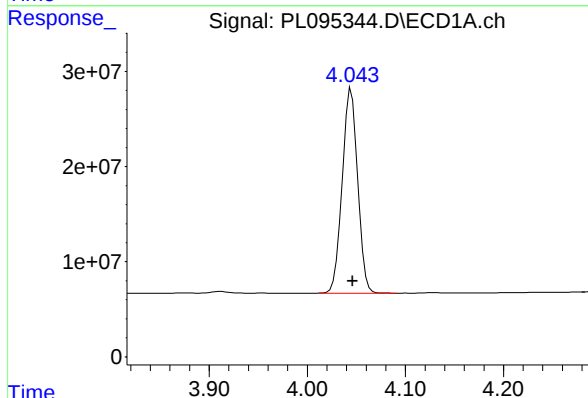
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



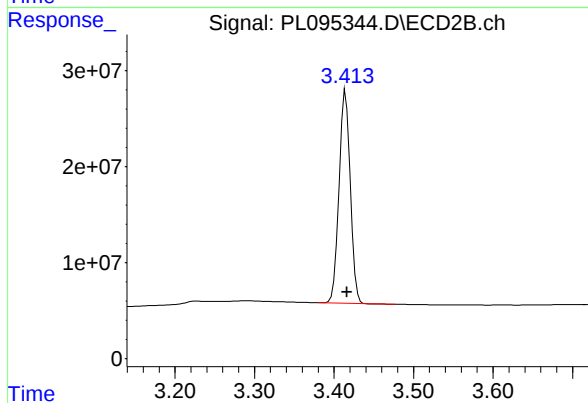
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 153984476
Conc: 48.43 ng/ml



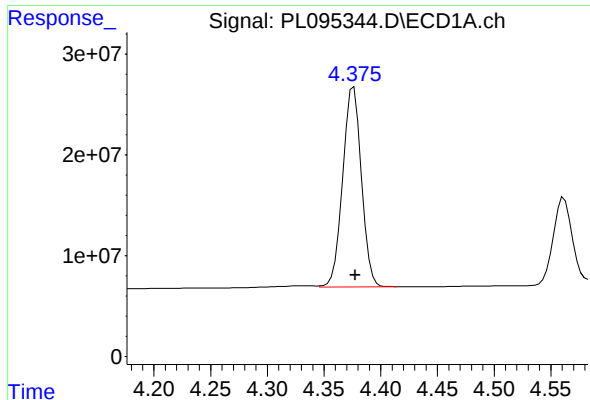
#2 alpha-BHC

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 235765041
Conc: 47.59 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 218028468
Conc: 49.01 ng/ml



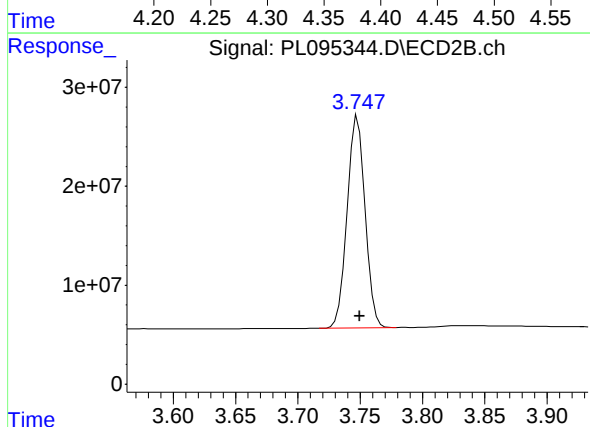
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 227284929
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

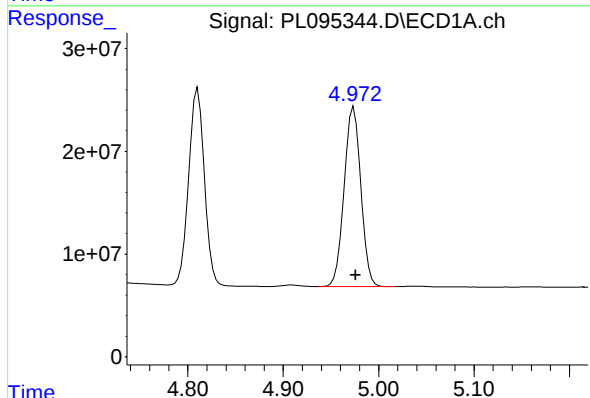
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



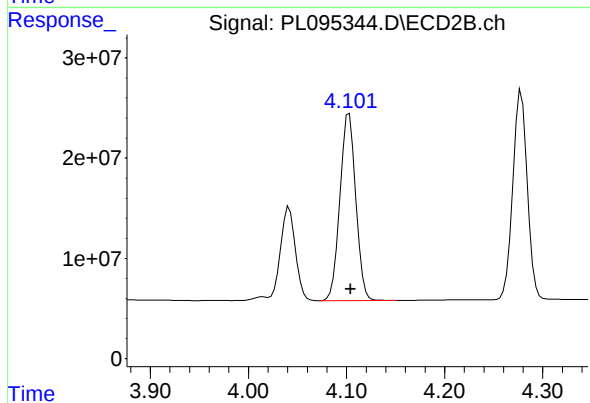
#3 gamma-BHC (Lindane)

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 214423481
Conc: 48.75 ng/ml



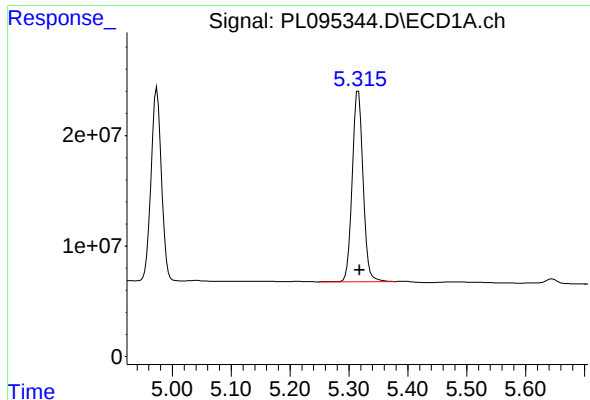
#4 Heptachlor

R.T.: 4.974 min
Delta R.T.: -0.002 min
Response: 213749633
Conc: 46.73 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 209958357
Conc: 48.19 ng/ml



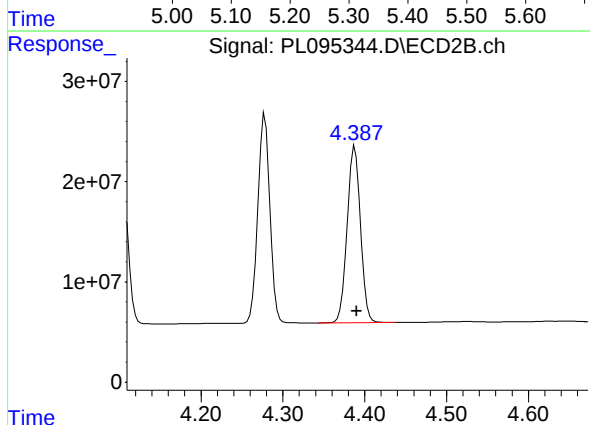
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 219953420
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

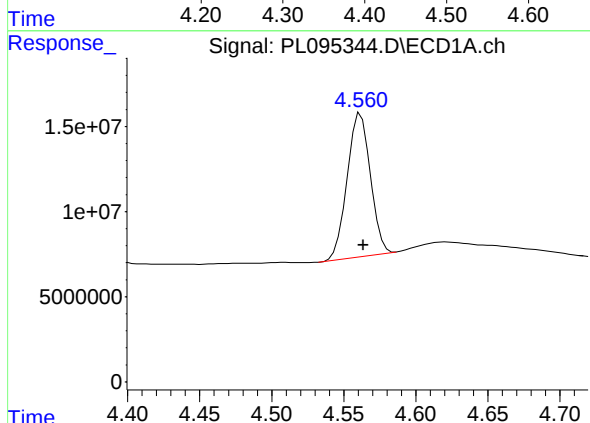
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



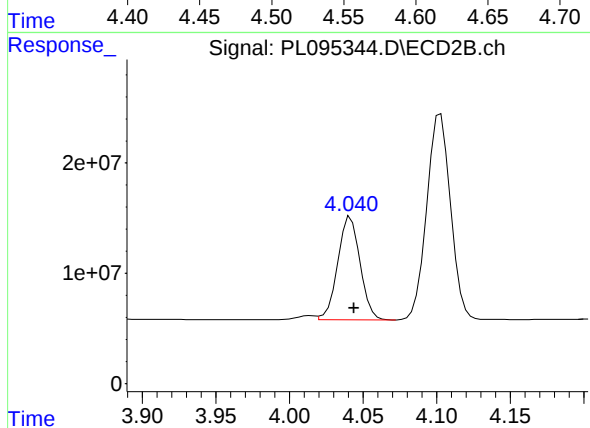
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 199944618
Conc: 48.58 ng/ml



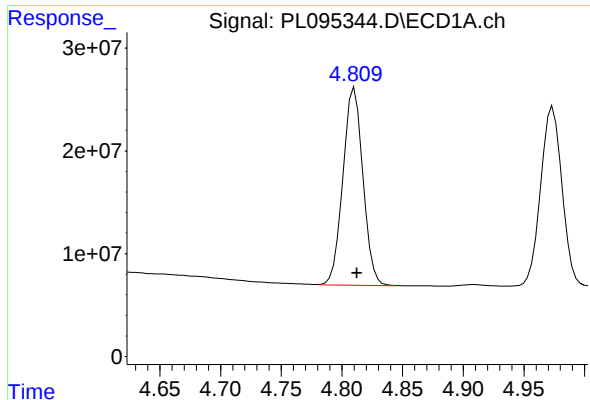
#6 beta-BHC

R.T.: 4.562 min
Delta R.T.: -0.002 min
Response: 94308785
Conc: 45.61 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 98829555
Conc: 47.61 ng/ml



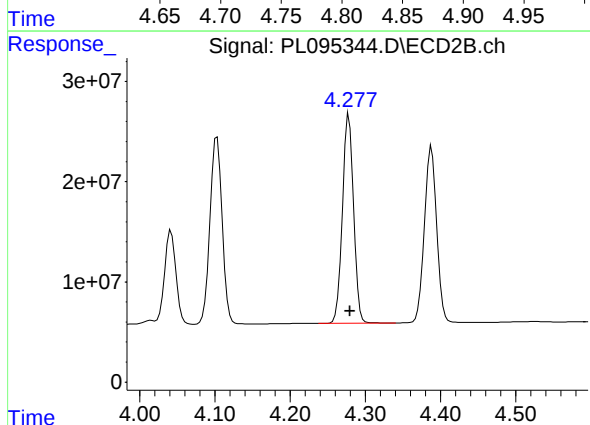
#7 delta-BHC

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 220818379
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

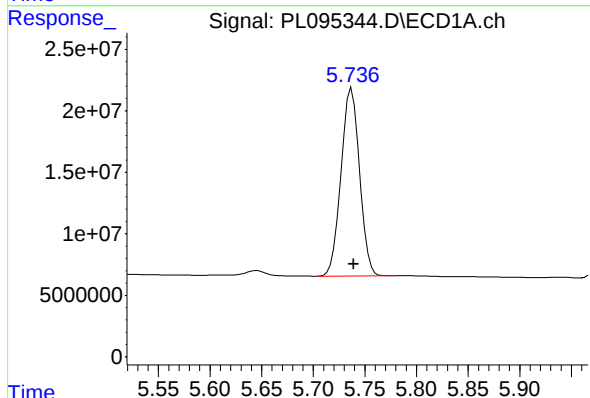
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



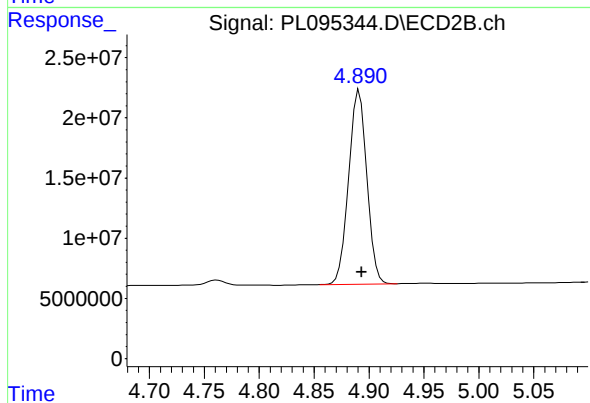
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: -0.002 min
Response: 214844463
Conc: 49.03 ng/ml



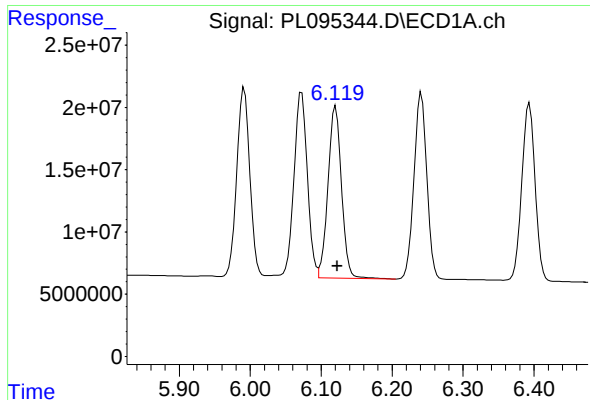
#8 Heptachlor epoxide

R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 190534412
Conc: 47.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 186412845
Conc: 48.26 ng/ml



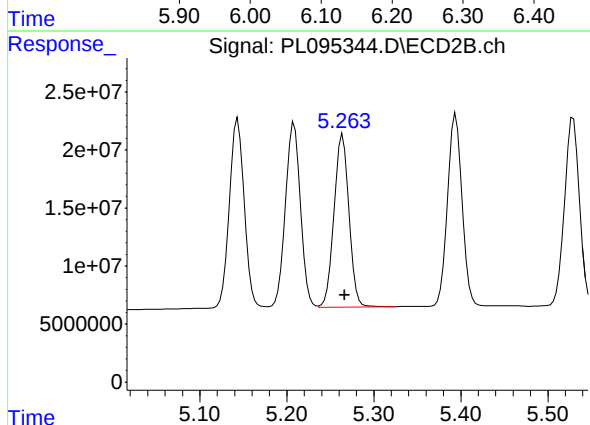
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 183513483
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

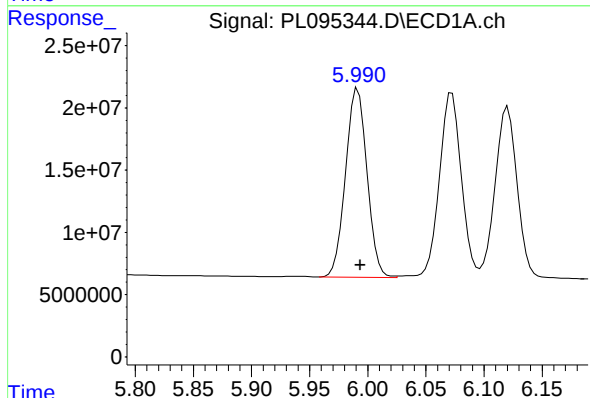
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



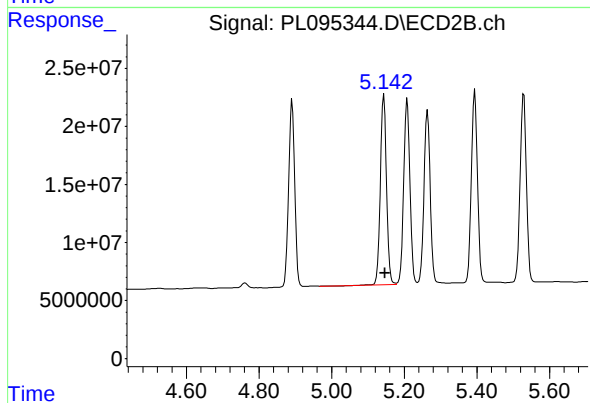
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 176948243
Conc: 48.34 ng/ml



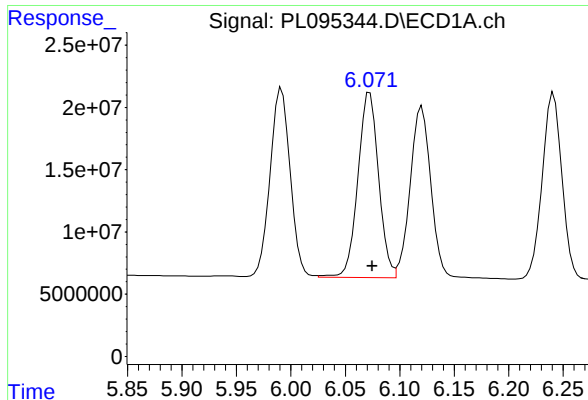
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 194858822
Conc: 47.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 193183867
Conc: 47.67 ng/ml



#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 197480130
Conc: 48.57 ng/ml

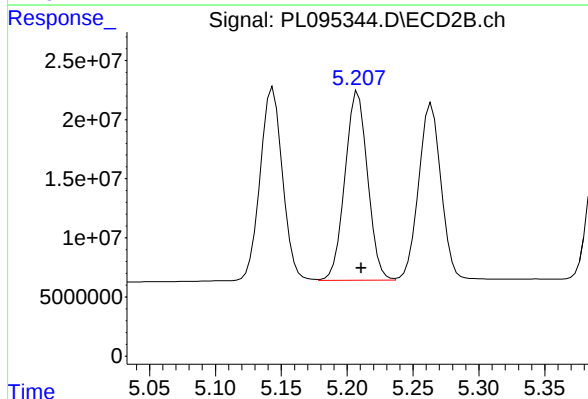
Instrument :

ECD_L

ClientSampleId :
ICVPL042325

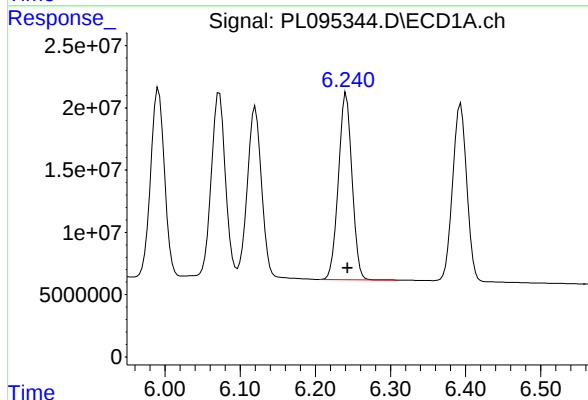
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



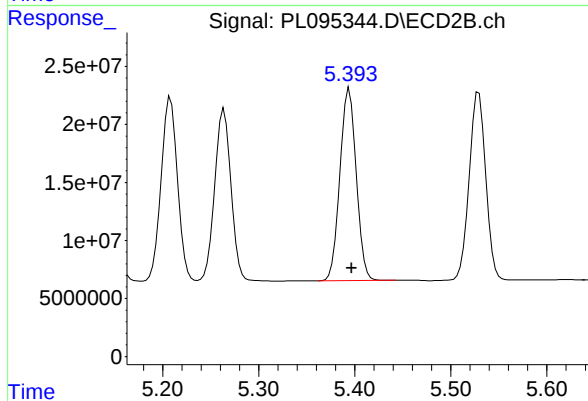
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 190622092
Conc: 47.88 ng/ml



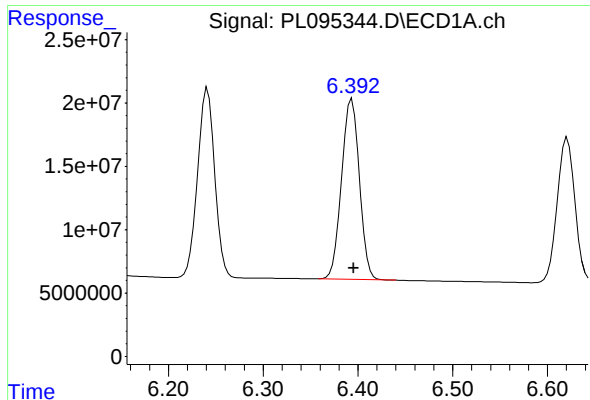
#12 4,4'-DDE

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 188330868
Conc: 48.04 ng/ml



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 193310380
Conc: 47.53 ng/ml



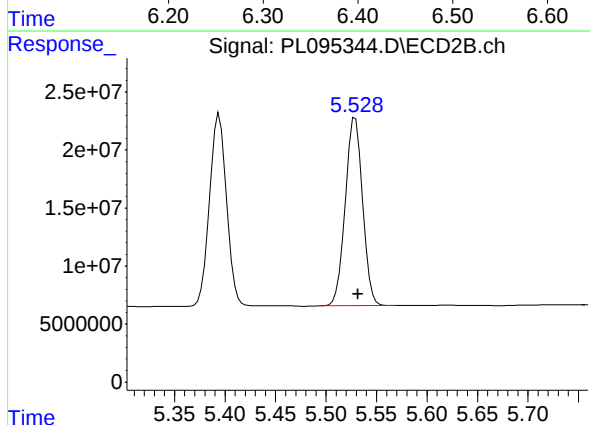
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 185966480
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

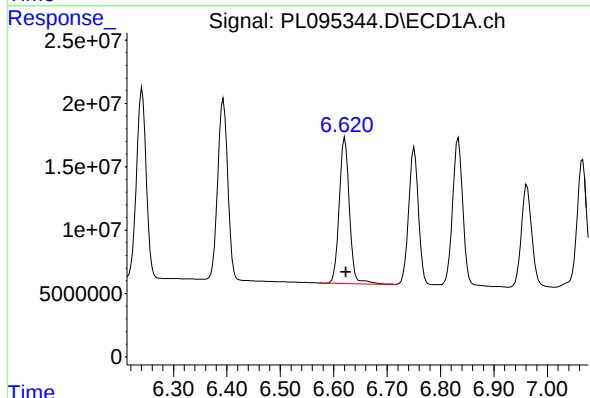
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



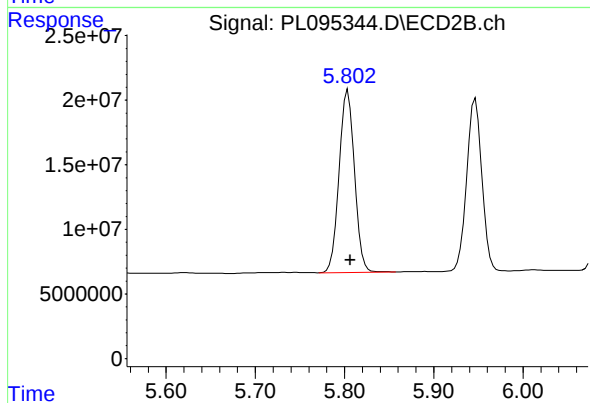
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 193657038
Conc: 47.62 ng/ml



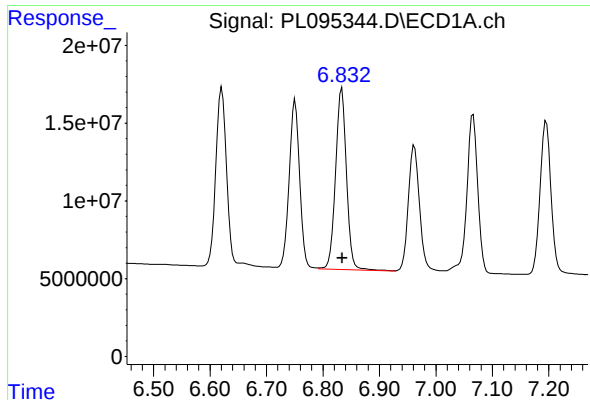
#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 154528451
Conc: 48.52 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 168955840
Conc: 46.41 ng/ml



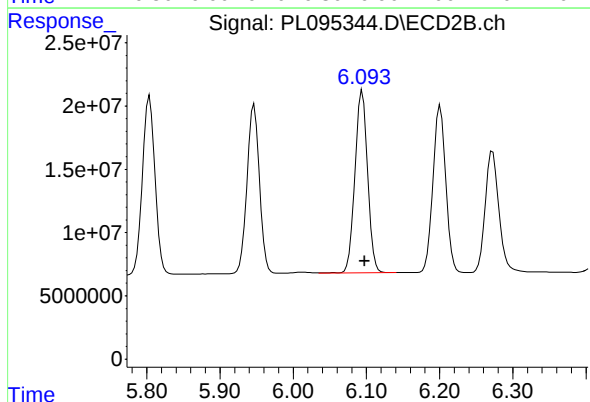
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 157567449
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

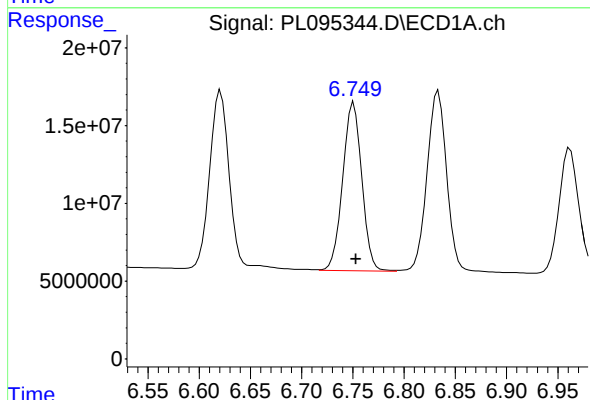
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



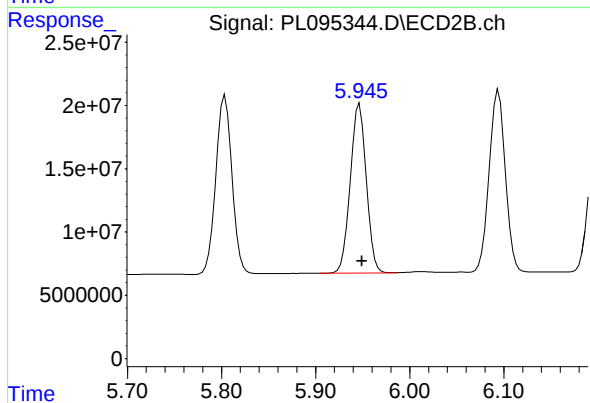
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 172973782
Conc: 48.17 ng/ml



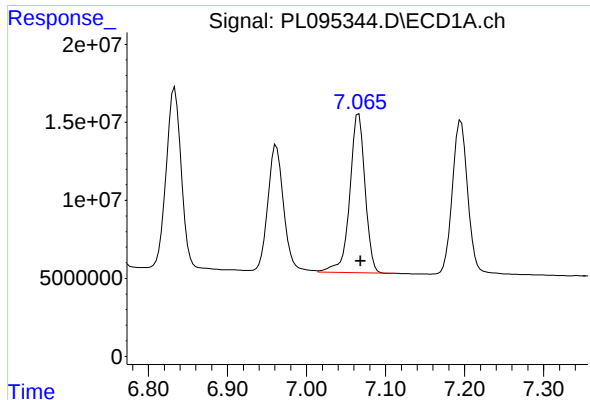
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 140103814
Conc: 49.49 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 158264661
Conc: 48.45 ng/ml



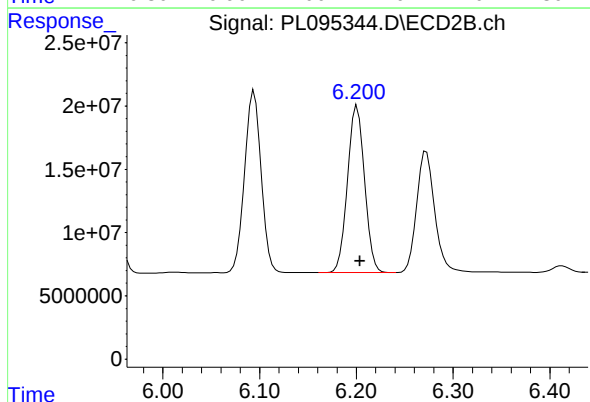
#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 136066041
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

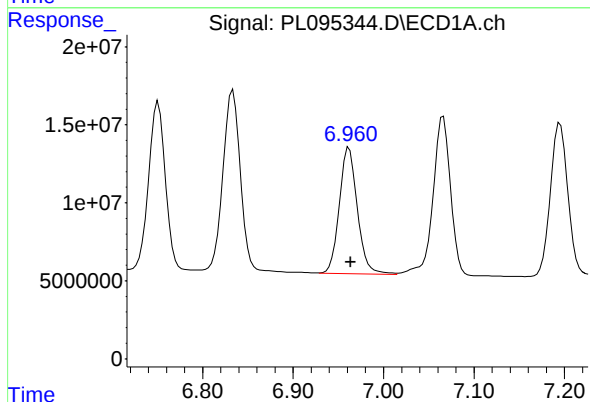
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



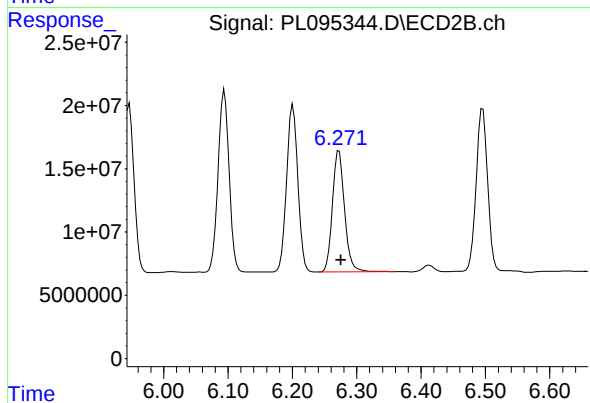
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 160165180
Conc: 46.61 ng/ml



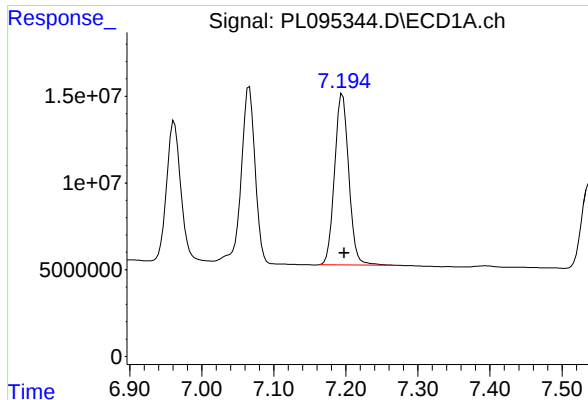
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.002 min
Response: 111869443
Conc: 48.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 125158099
Conc: 47.90 ng/ml



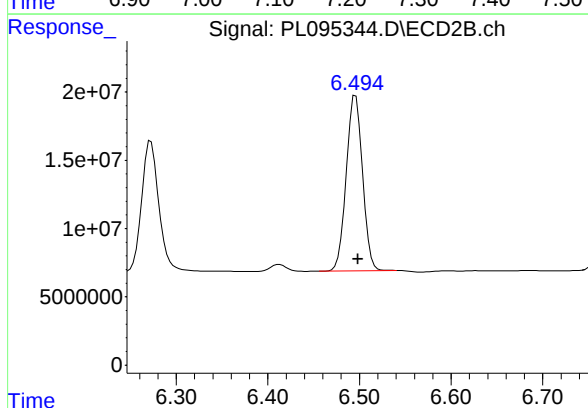
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 134214631
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

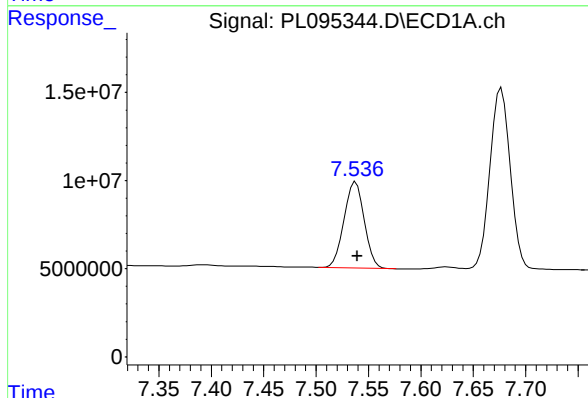
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



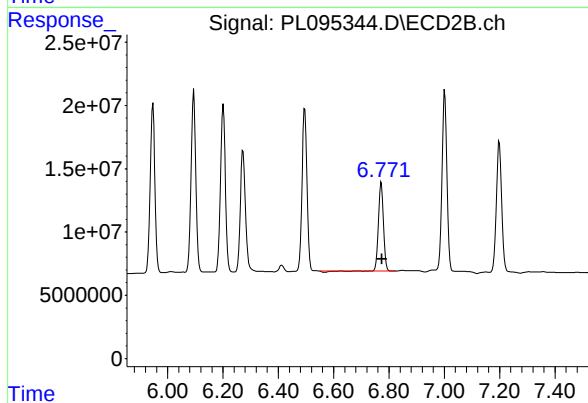
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 159229468
Conc: 47.99 ng/ml



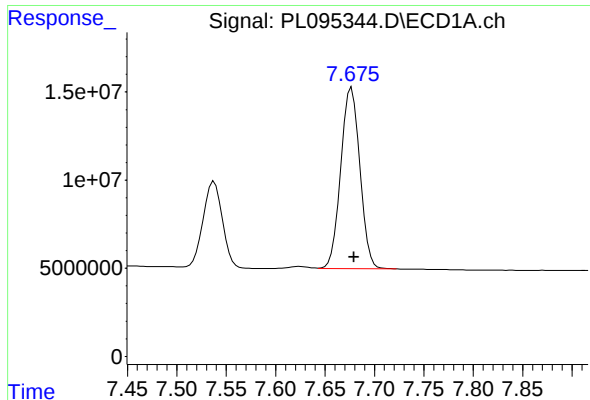
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 65789961
Conc: 47.16 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 87833349
Conc: 46.05 ng/ml



#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 138179720
Conc: 48.47 ng/ml

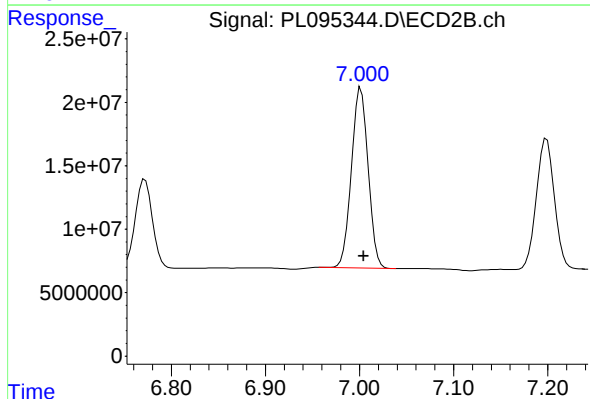
Instrument :

ECD_L

ClientSampleId :
ICVPL042325

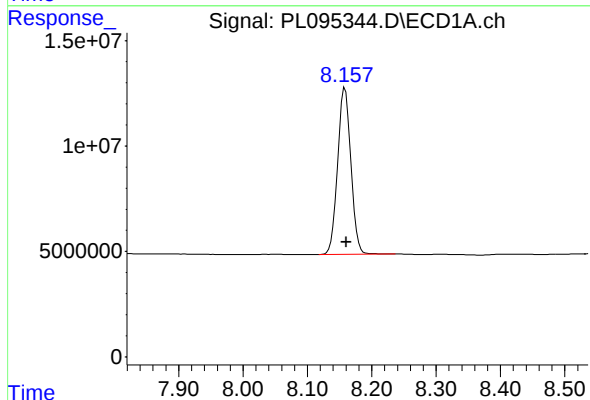
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



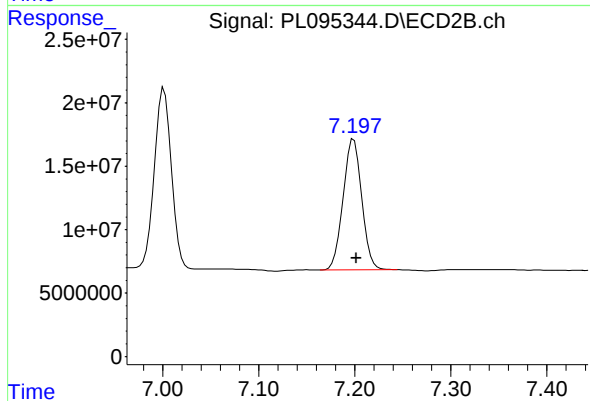
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 175365566
Conc: 49.80 ng/ml



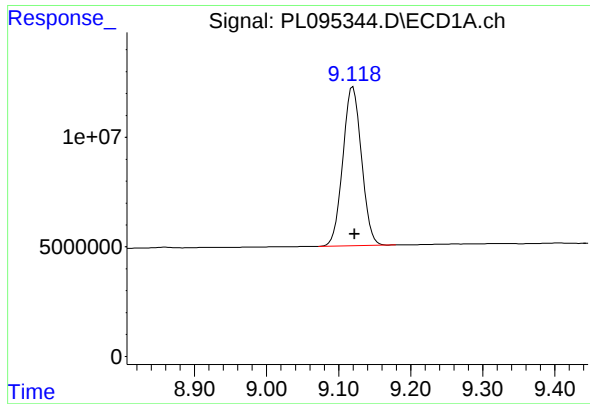
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.002 min
Response: 113501621
Conc: 47.77 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 137859647
Conc: 47.83 ng/ml m



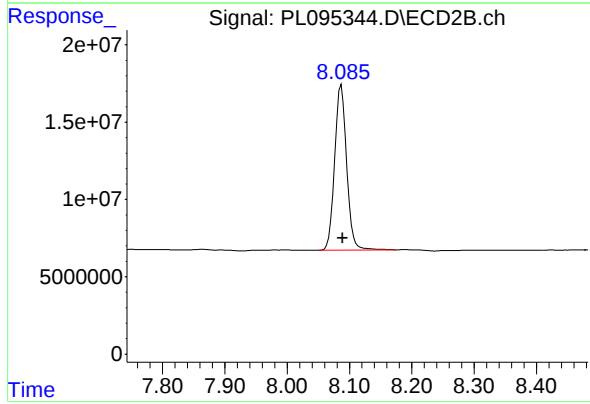
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 130326216
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL042325

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: -0.003 min
Response: 142727631
Conc: 48.23 ng/ml