

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097872.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 13:08
 Operator : AR\AJ
 Sample : PB170955BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170955BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:47:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.496	2.799	100.9E6	143.4E6	19.999	20.524
28)	SA Decachlor...	8.953	7.946	85112675	137.0E6	22.401	20.829
Target Compounds							
2)	A alpha-BHC	3.942	3.301	443.7E6	617.4E6	52.469	53.806
3)	MA gamma-BHC...	4.270	3.632	415.1E6	577.4E6	51.777	53.683
4)	MA Heptachlor	4.859	3.977	404.9E6	520.3E6	50.856	50.052
5)	MB Aldrin	5.197	4.258	380.7E6	533.1E6	52.544m	53.909
6)	B beta-BHC	4.460	3.928	170.7E6	240.0E6	50.995	51.761
7)	B delta-BHC	4.703	4.159	393.9E6	565.2E6	50.857m	52.887
8)	B Heptachlo...	5.618	4.759	360.9E6	486.9E6	54.240	54.082
9)	A Endosulfan I	5.999	5.129	312.3E6	473.8E6	53.050	46.504
10)	B gamma-Chl...	5.872	5.010	341.3E6	557.5E6	52.571	54.739
11)	B alpha-Chl...	5.952	5.074	342.1E6	527.3E6	52.681	51.423
12)	B 4,4'-DDE	6.123	5.262	298.2E6	485.6E6	50.779	55.120m
13)	MA Dieldrin	6.271	5.393	329.4E6	519.1E6	53.677	55.400
14)	MA Endrin	6.497	5.667	249.7E6	443.5E6	48.215	53.071
15)	B Endosulfa...	6.711	5.959	265.1E6	442.0E6	51.878	53.396
16)	A 4,4'-DDD	6.632	5.815	255.1E6	425.4E6	55.074	56.713
17)	MA 4,4'-DDT	6.945	6.067	235.4E6	358.3E6	49.146	46.707
18)	B Endrin al...	6.840	6.137	212.6E6	336.0E6	53.957	52.621
19)	B Endosulfa...	7.073	6.361	254.2E6	433.9E6	51.282	53.296
20)	A Methoxychlor	7.418	6.639	116.3E6	185.1E6	46.224	44.286
21)	B Endrin ke...	7.551	6.864	272.3E6	488.2E6	52.398	54.724
22)	Mirex	8.027	7.052	171.2E6	315.7E6	49.645	48.902

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 13:08
Operator : AR\AJ
Sample : PB170955BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

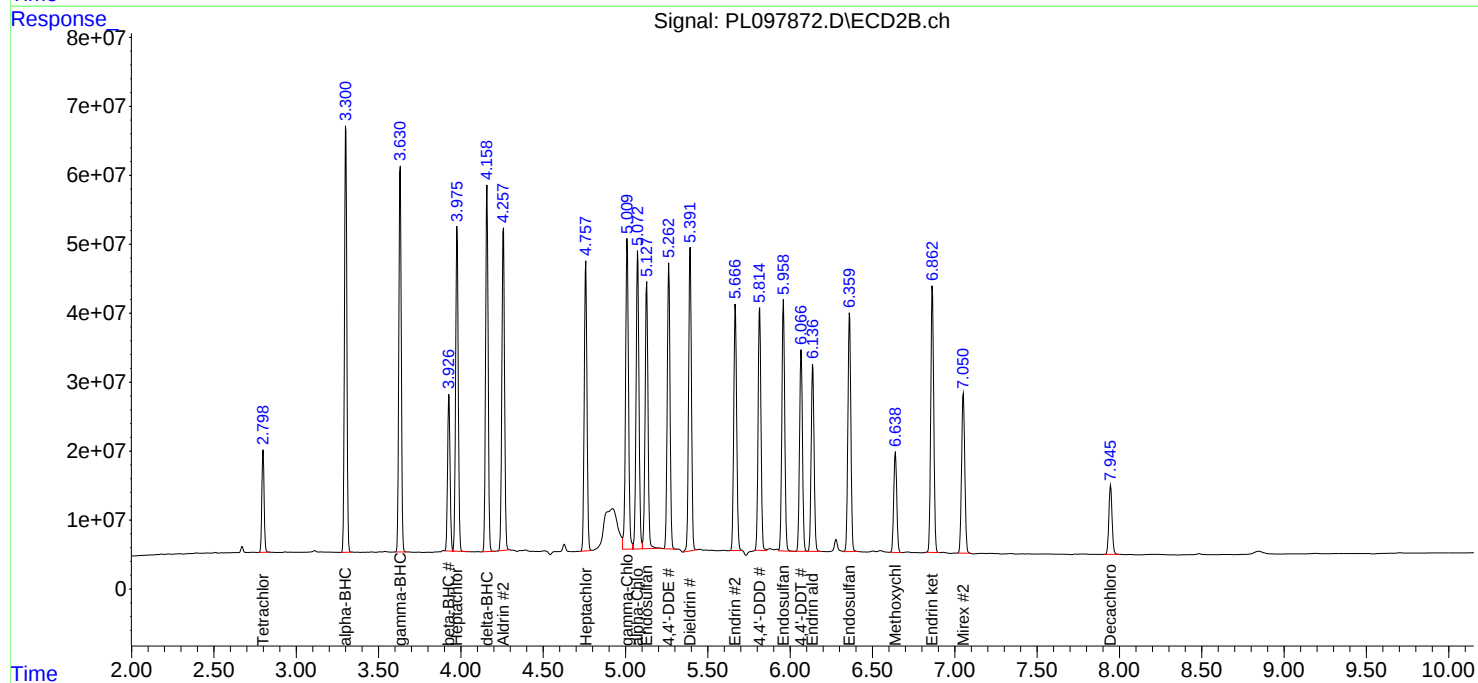
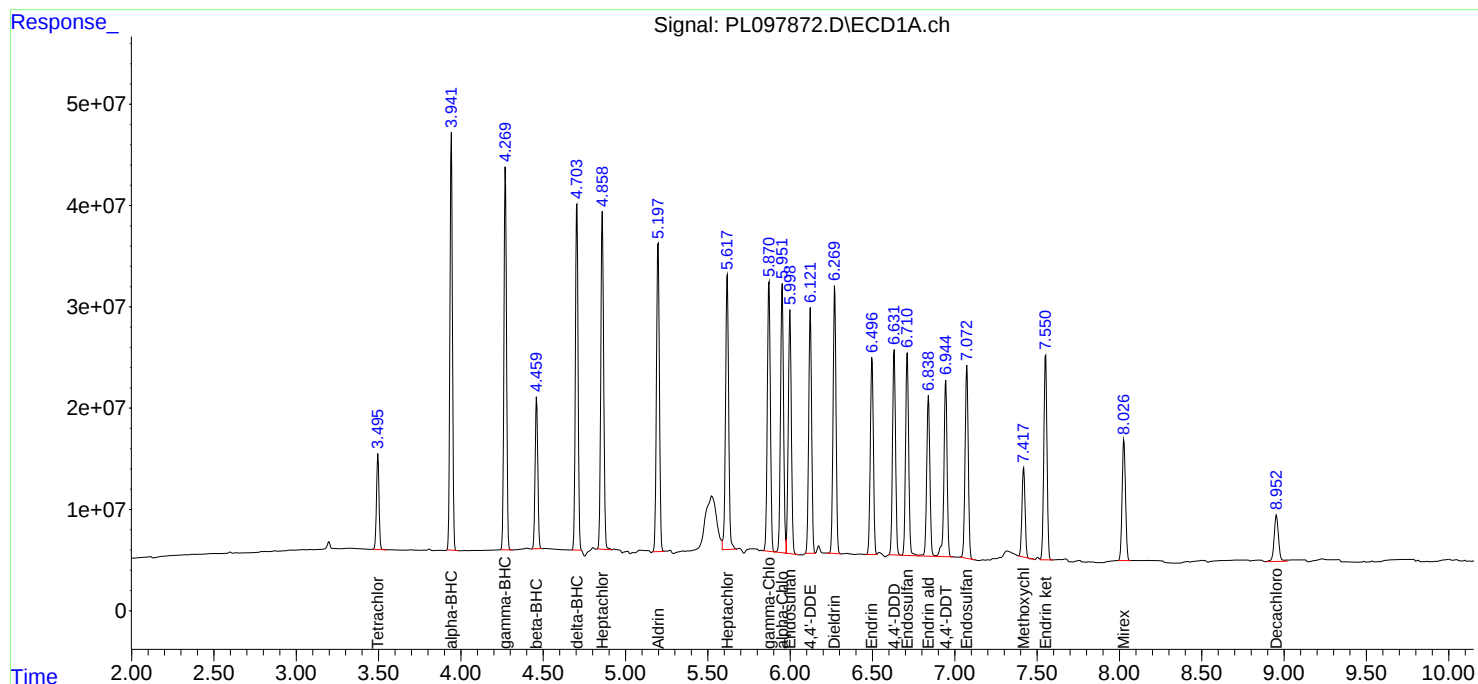
Instrument :
ECD_L
ClientSampleId :
PB170955BS

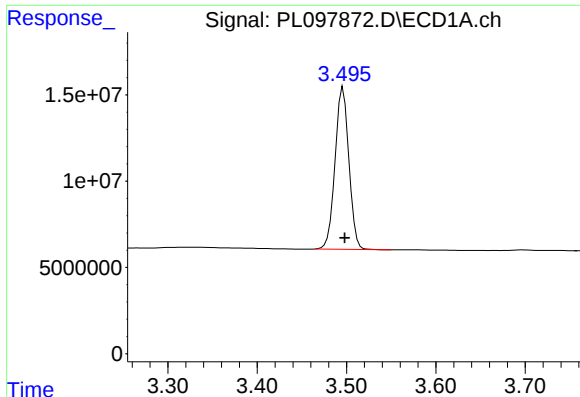
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/17/2025
Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:47:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





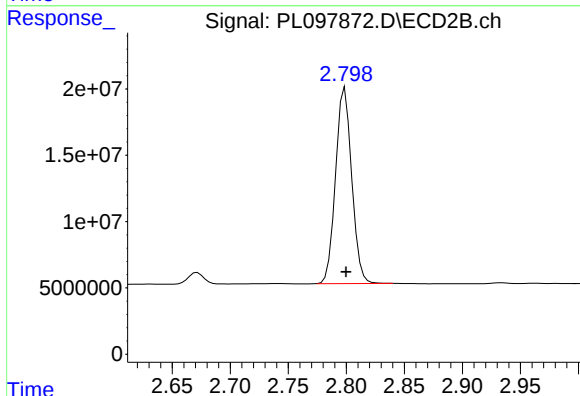
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.002 min
Response: 100932744
Conc: 20.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

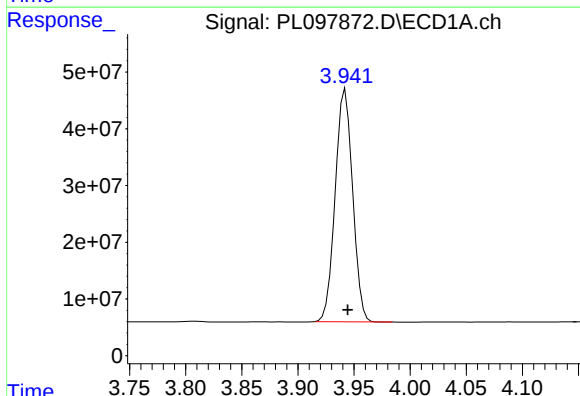
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



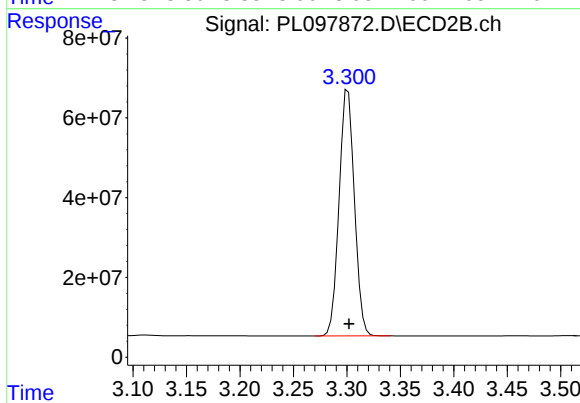
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 143366716
Conc: 20.52 ng/ml



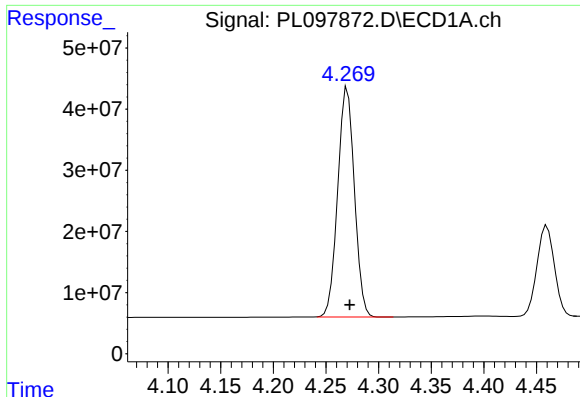
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: -0.002 min
Response: 443717906
Conc: 52.47 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 617353537
Conc: 53.81 ng/ml



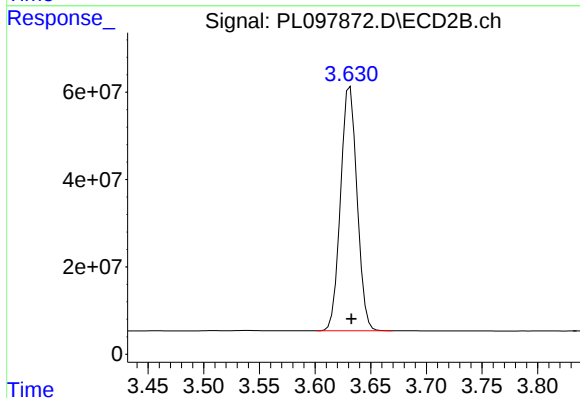
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 415075550
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

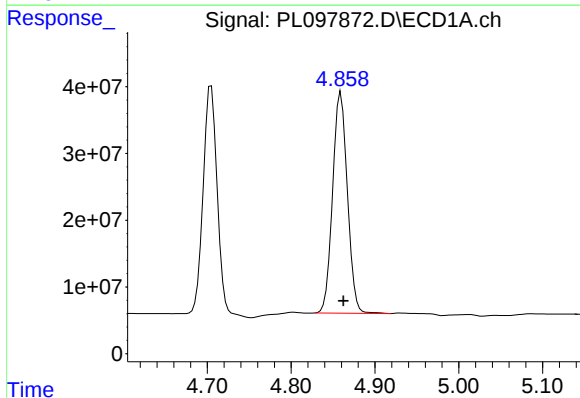
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



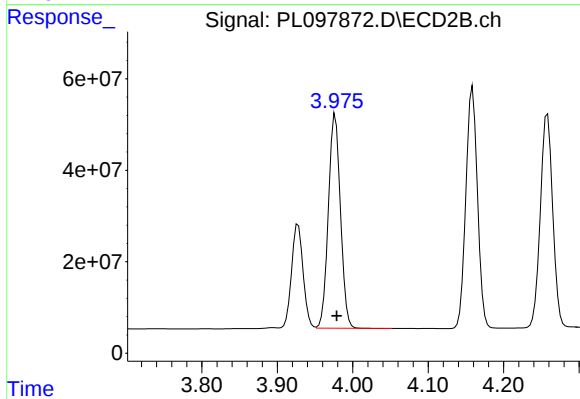
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: -0.001 min
Response: 577418557
Conc: 53.68 ng/ml



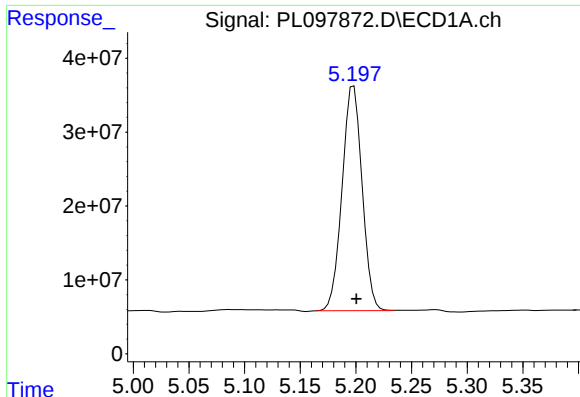
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 404927369
Conc: 50.86 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.002 min
Response: 520302254
Conc: 50.05 ng/ml



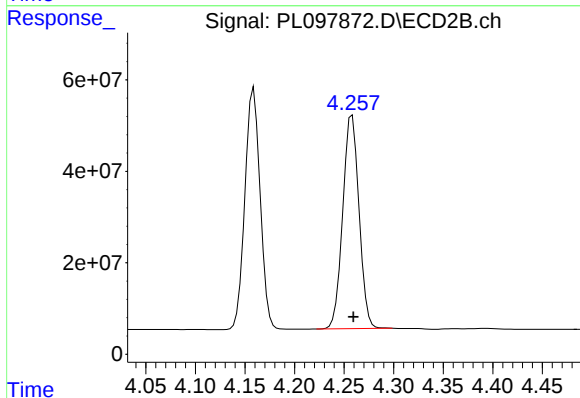
#5 Aldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 380656206
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

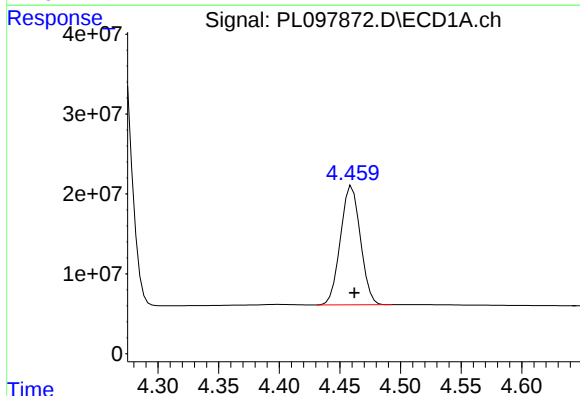
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



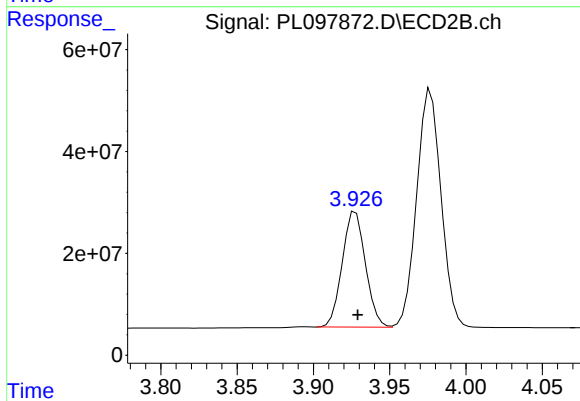
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 533147296
Conc: 53.91 ng/ml



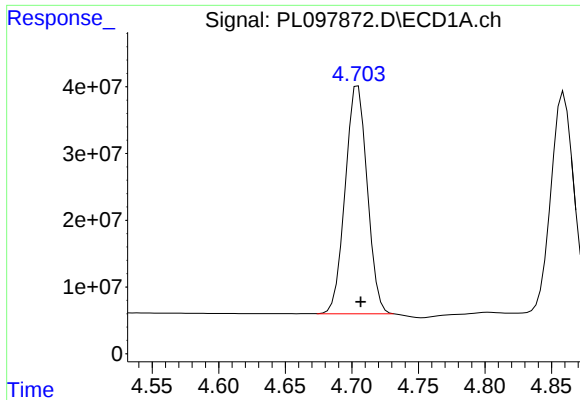
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 170738651
Conc: 51.00 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 239979991
Conc: 51.76 ng/ml



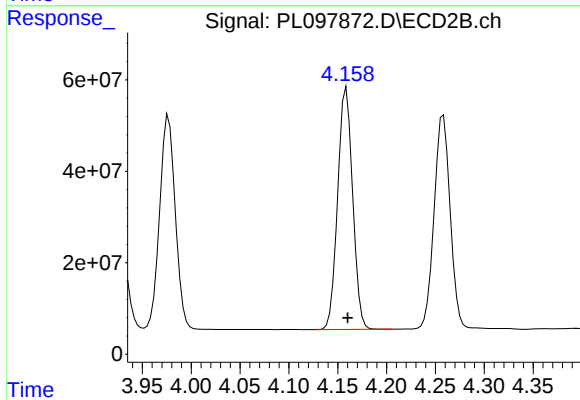
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.003 min
Response: 393902347
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

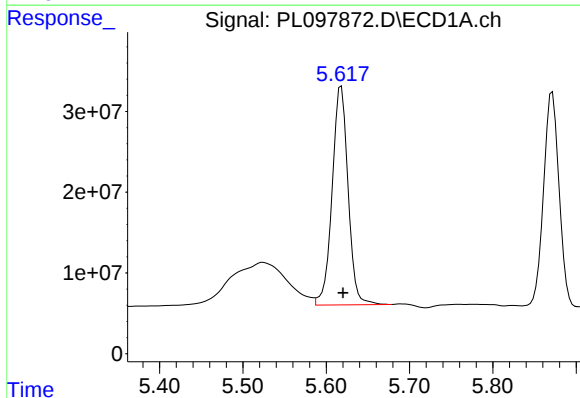
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



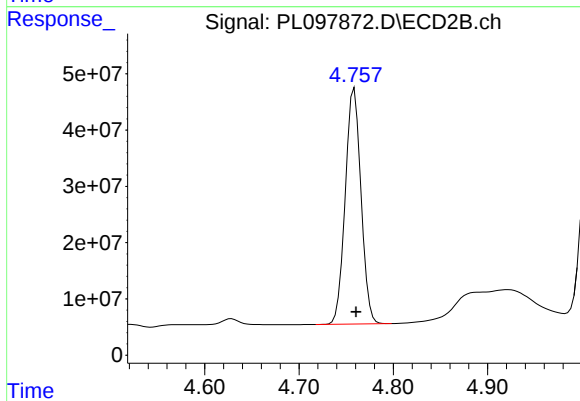
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.001 min
Response: 565210907
Conc: 52.89 ng/ml



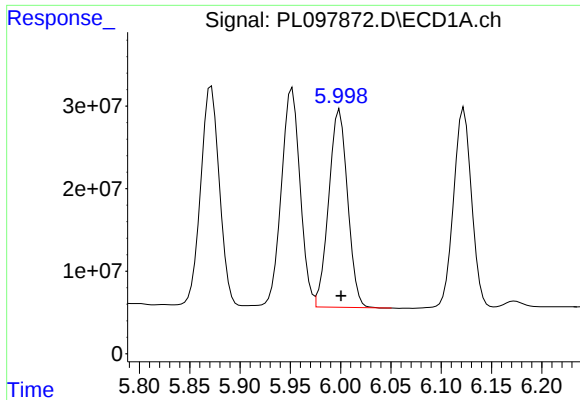
#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 360874226
Conc: 54.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 486942461
Conc: 54.08 ng/ml



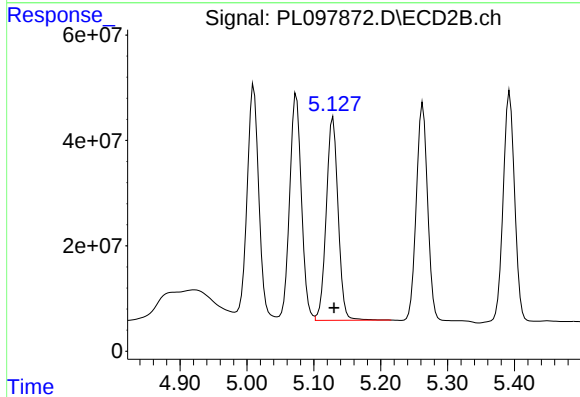
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 312328487
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

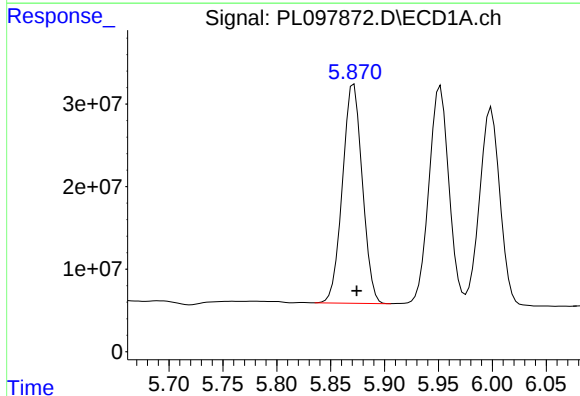
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



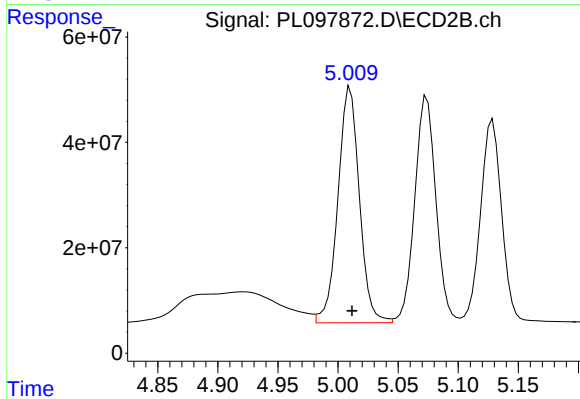
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 473793474
Conc: 46.50 ng/ml



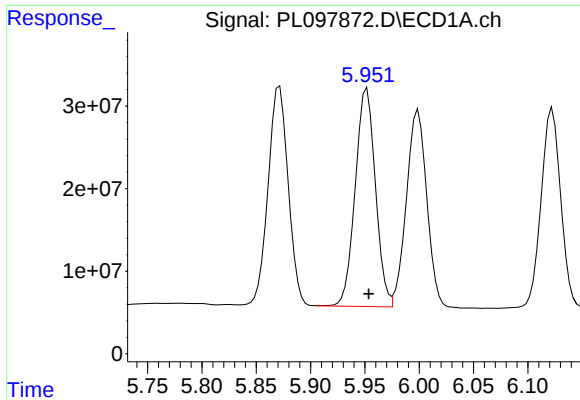
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 341267600
Conc: 52.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 557523915
Conc: 54.74 ng/ml



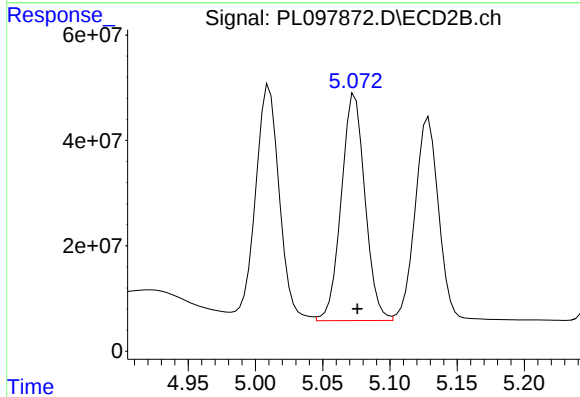
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 342061290
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

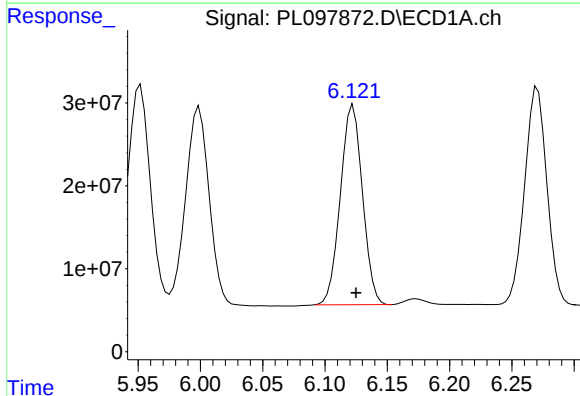
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



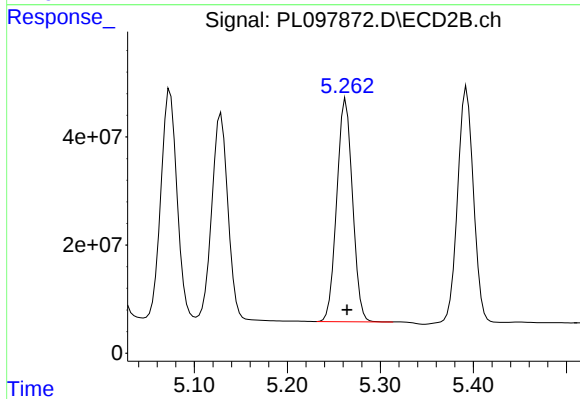
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 527337004
Conc: 51.42 ng/ml



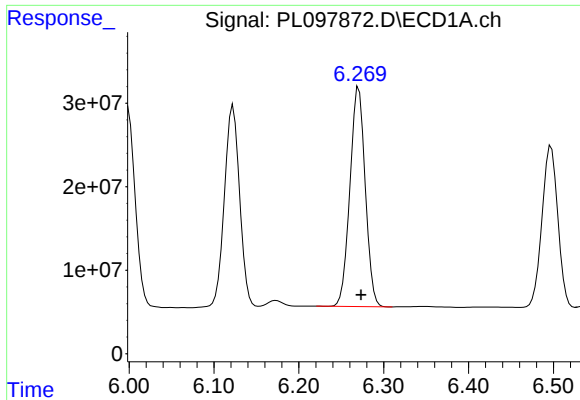
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 298242892
Conc: 50.78 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 485645446
Conc: 55.12 ng/ml m



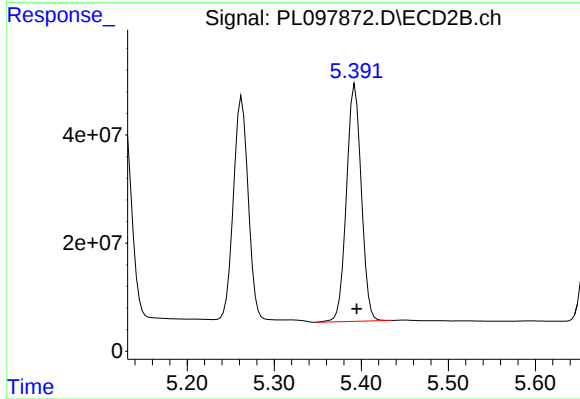
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 329387015
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

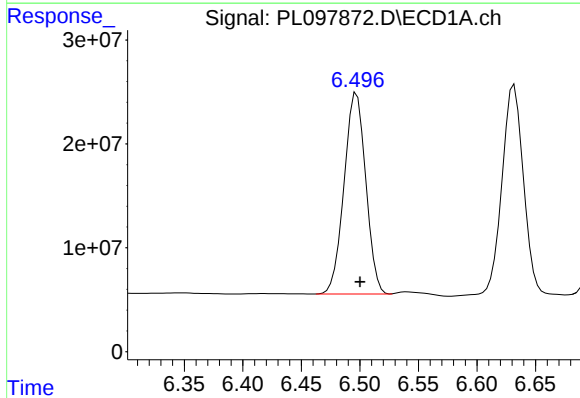
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



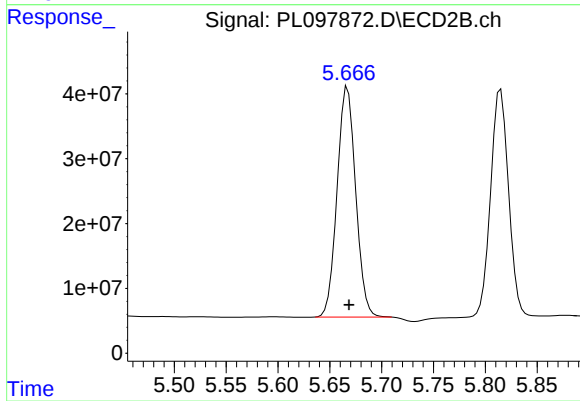
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 519123519
Conc: 55.40 ng/ml



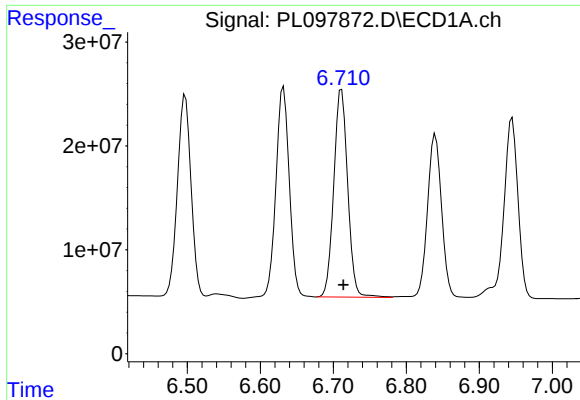
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 249727440
Conc: 48.22 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 443508622
Conc: 53.07 ng/ml



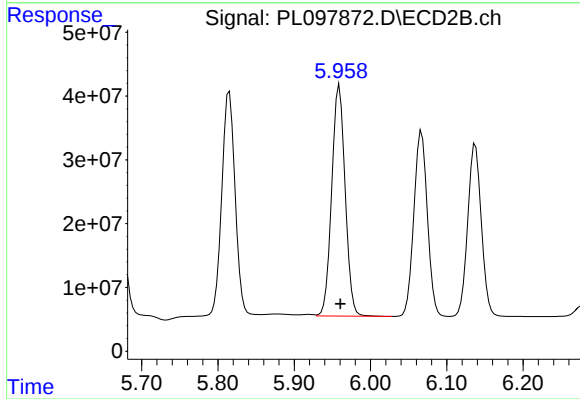
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 265094444
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

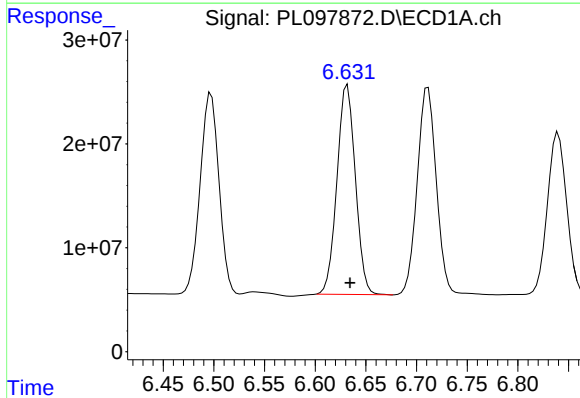
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



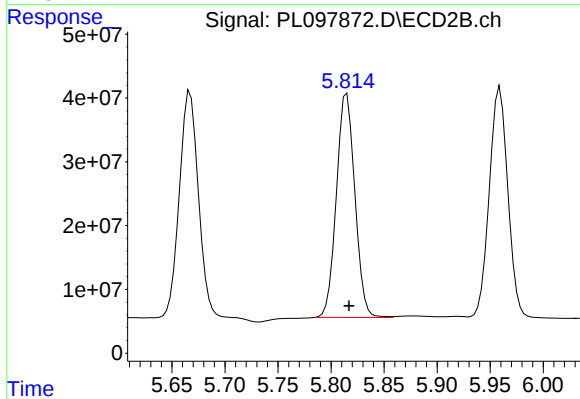
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 441957319
Conc: 53.40 ng/ml



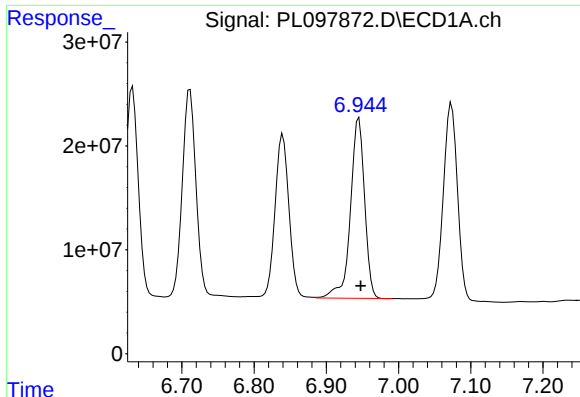
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 255103057
Conc: 55.07 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 425408878
Conc: 56.71 ng/ml



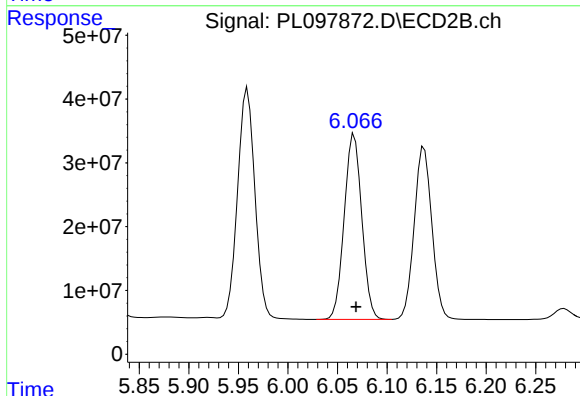
#17 4,4'-DDT

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 235425276
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

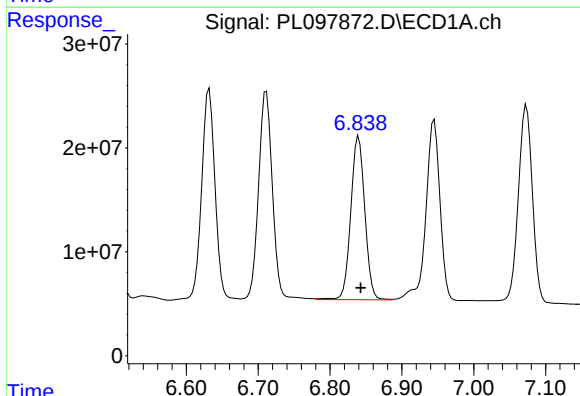
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



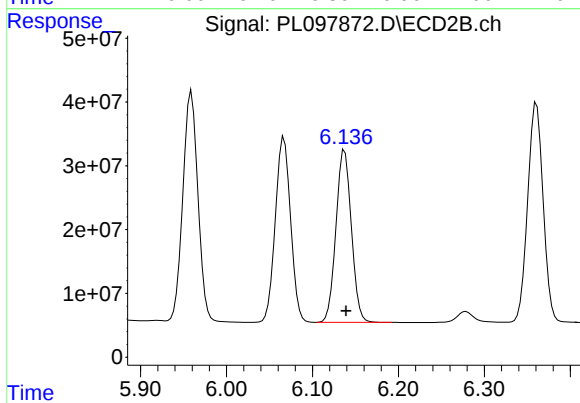
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 358276888
Conc: 46.71 ng/ml



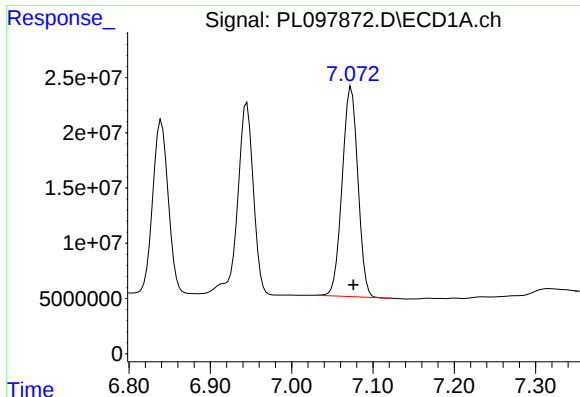
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 212606901
Conc: 53.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 335985244
Conc: 52.62 ng/ml



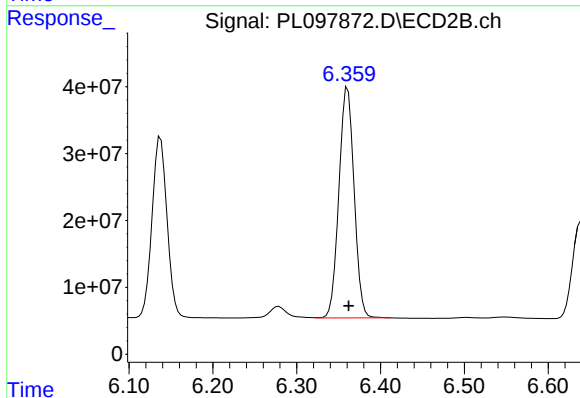
#19 Endosulfan Sulfate

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 254224855
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

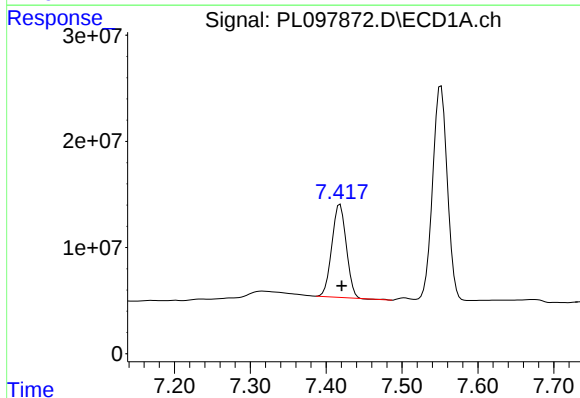
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



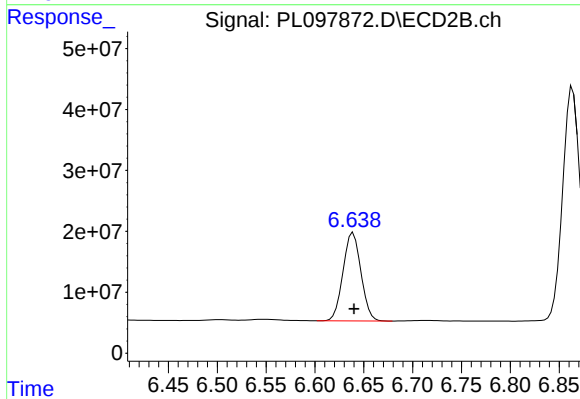
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 433878982
Conc: 53.30 ng/ml



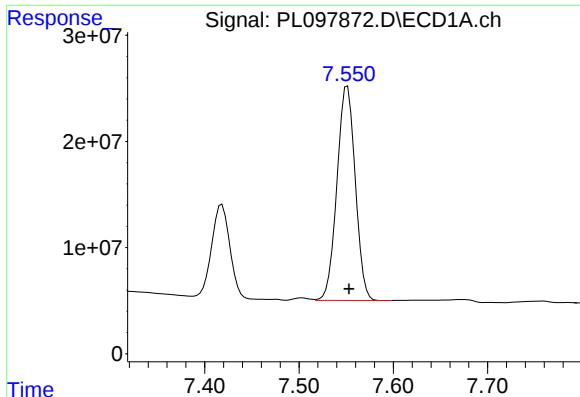
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 116339504
Conc: 46.22 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 185068354
Conc: 44.29 ng/ml



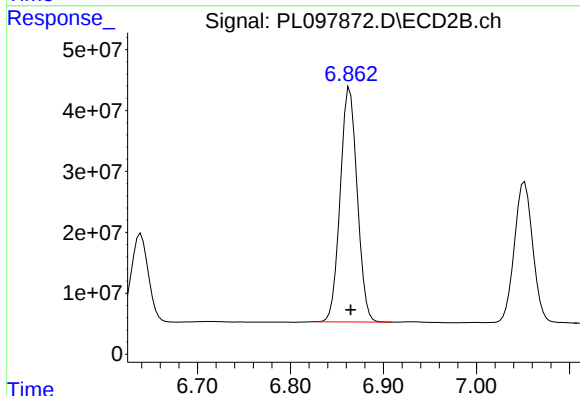
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 272289274
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

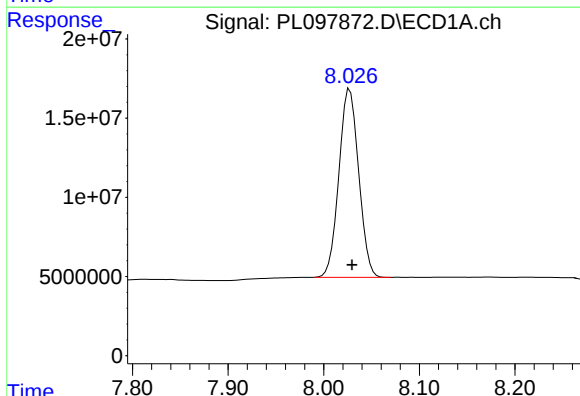
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



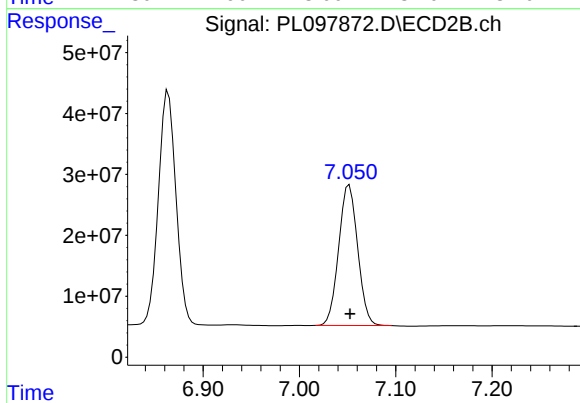
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 488189160
Conc: 54.72 ng/ml



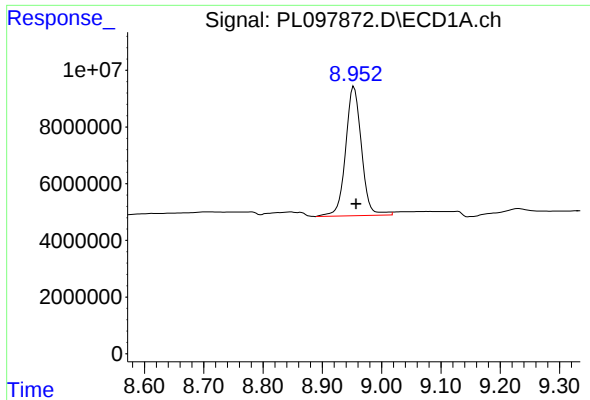
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 171223099
Conc: 49.65 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 315682250
Conc: 48.90 ng/ml



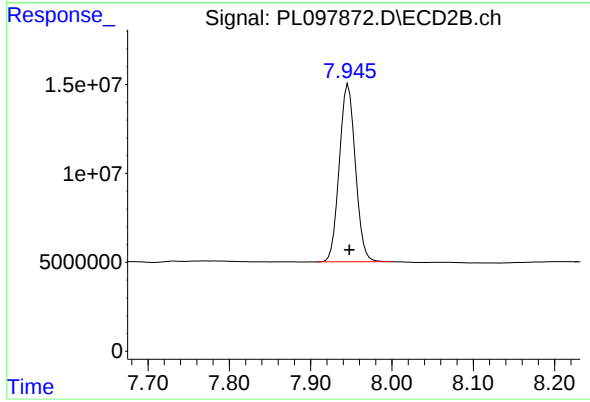
#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.003 min
Response: 85112675
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170955BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 136974154
Conc: 20.83 ng/ml