

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
 Data File : PL095822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 11:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/30/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 00:52:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.577	2.879	172.5E6	200.5E6	54.659	51.217
28)	SA Decachlor...	9.109	8.059	127.3E6	234.7E6	54.026	53.653
Target Compounds							
2)	A alpha-BHC	4.029	3.390	267.7E6	307.7E6	55.217	52.534
3)	MA gamma-BHC...	4.361	3.724	244.8E6	288.6E6	54.749	51.527
4)	MA Heptachlor	4.959	4.077	205.7E6	278.7E6	54.345	49.691
5)	MB Aldrin	5.301	4.360	236.7E6	273.3E6	55.324	51.501m
6)	B beta-BHC	4.548	4.020	105.6E6	125.8E6	53.568	50.766
7)	B delta-BHC	4.796	4.255	240.2E6	287.2E6	54.176	50.858
8)	B Heptachlo...	5.723	4.864	210.6E6	253.9E6	55.188	51.433
9)	A Endosulfan I	6.106	5.237	199.4E6	240.5E6	54.412	50.479
10)	B gamma-Chl...	5.977	5.117	219.1E6	275.6E6	56.306	52.476
11)	B alpha-Chl...	6.058	5.182	215.4E6	270.6E6	54.563	52.012
12)	B 4,4'-DDE	6.229	5.369	201.2E6	274.9E6	54.863	51.263
13)	MA Dieldrin	6.380	5.502	215.4E6	278.8E6	55.817	52.609
14)	MA Endrin	6.607	5.778	165.7E6	238.2E6	51.357	48.844
15)	B Endosulfa...	6.820	6.069	186.7E6	252.1E6	54.164	53.044
16)	A 4,4'-DDD	6.739	5.921	163.8E6	239.9E6	55.898	54.718
17)	MA 4,4'-DDT	7.054	6.175	138.2E6	238.5E6	51.094	49.869
18)	B Endrin al...	6.949	6.247	130.0E6	185.1E6	53.788	53.588
19)	B Endosulfa...	7.183	6.470	161.8E6	239.7E6	54.154	53.332
20)	A Methoxychlor	7.527	6.745	66416675	123.6E6	52.078	47.258
21)	B Endrin ke...	7.663	6.976	176.1E6	283.2E6	55.599	54.735
22)	Mirex	8.145	7.170	127.7E6	222.3E6	55.175	54.741

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
Data File : PL095822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 11:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

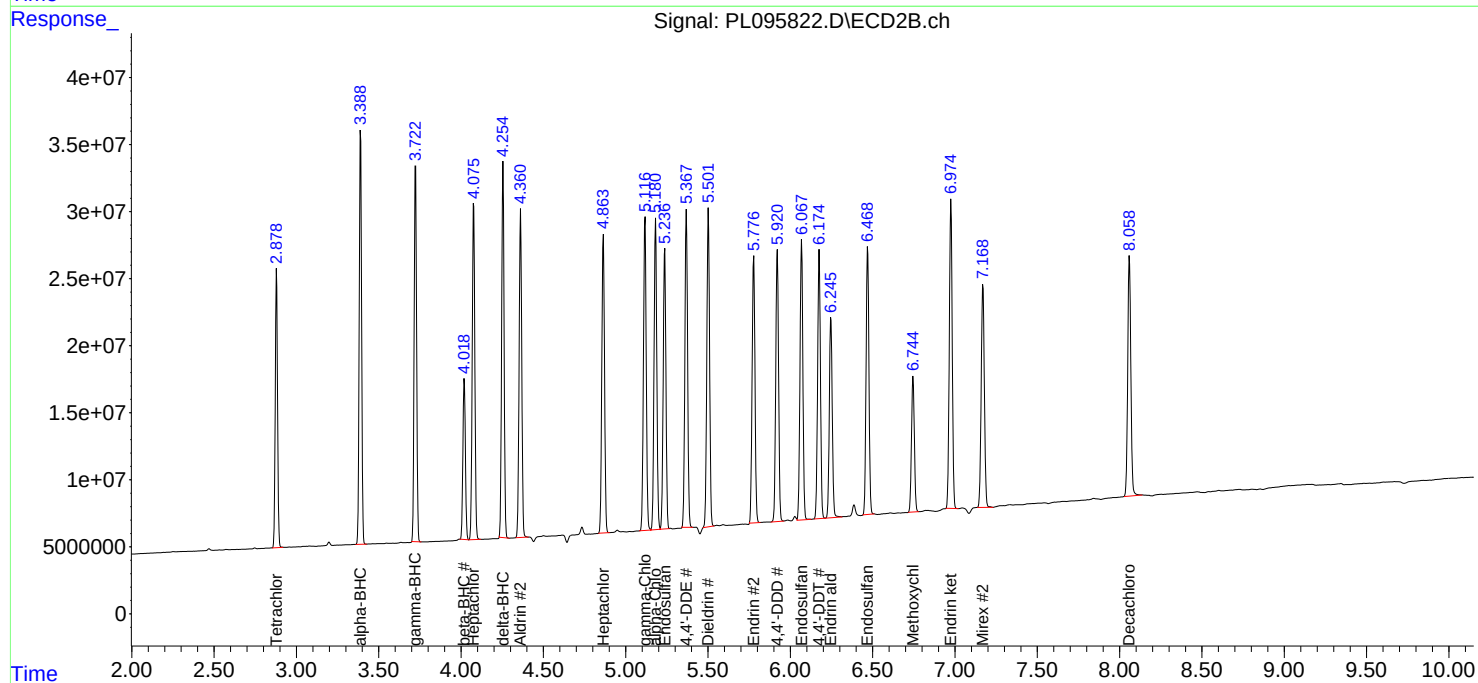
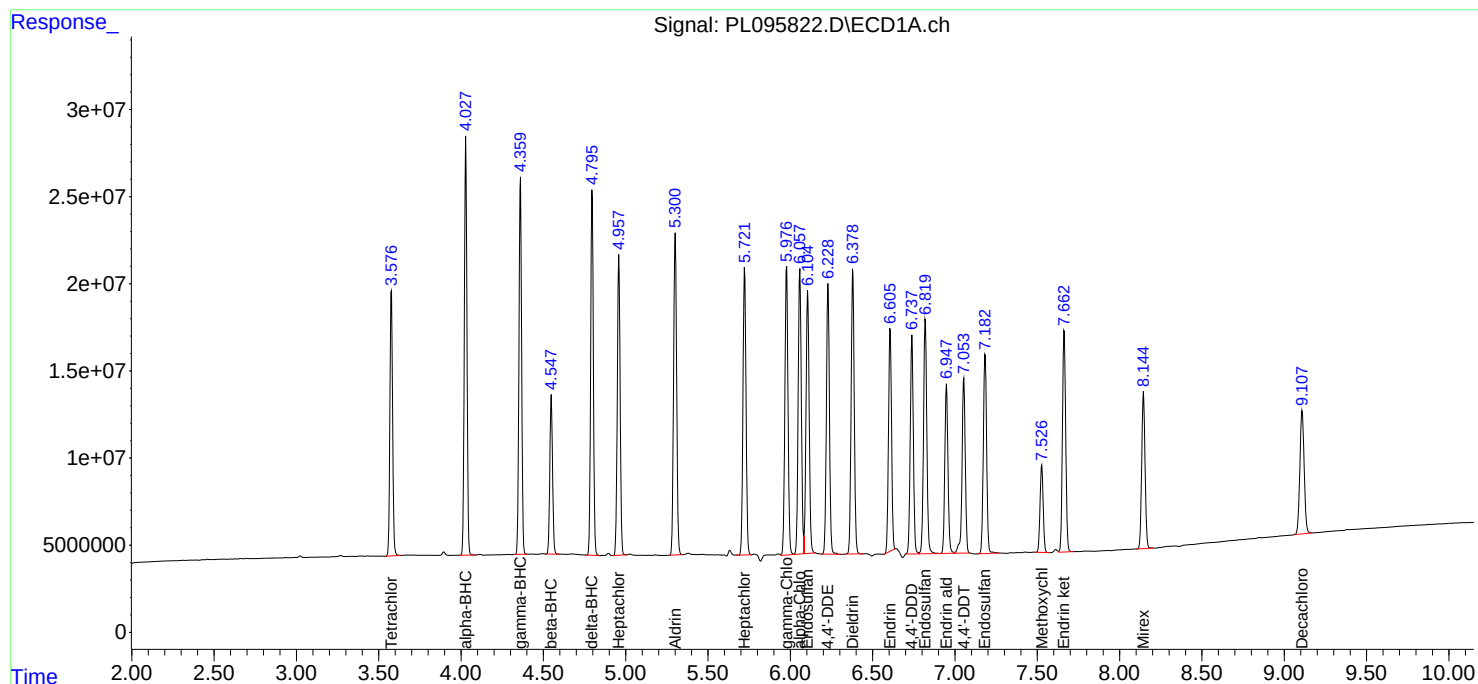
APPROVED

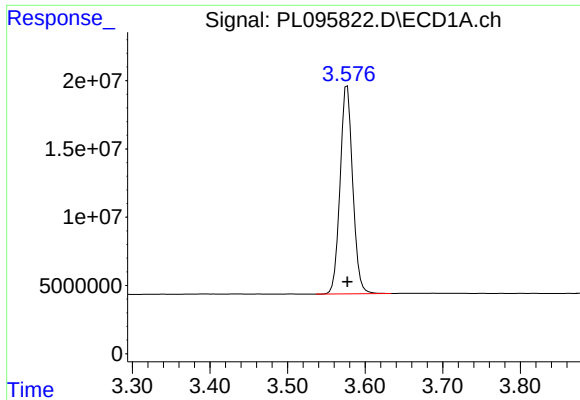
Reviewed By :Abdul Mirza 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 00:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





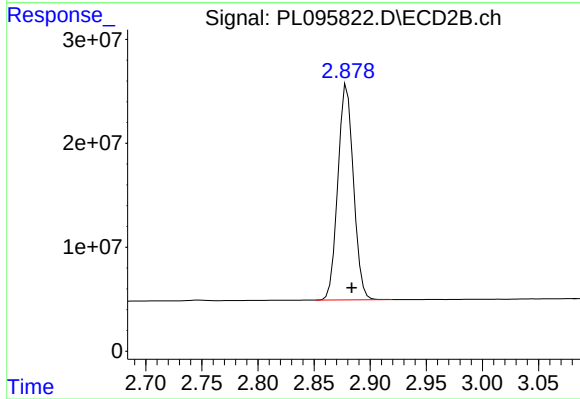
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: 0.000 min
Response: 172463556
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

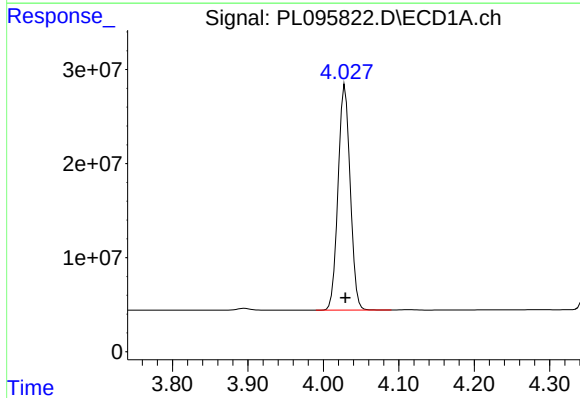
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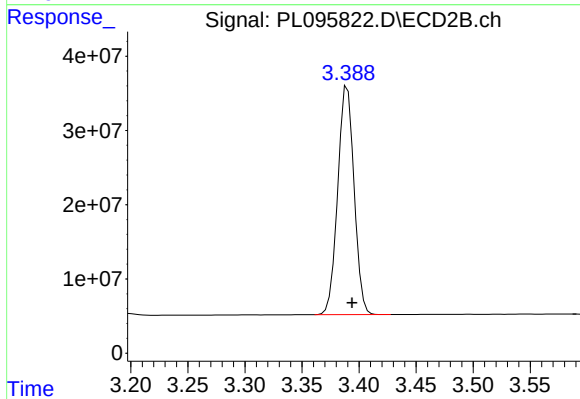
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.004 min
Response: 200460602
Conc: 51.22 ng/ml



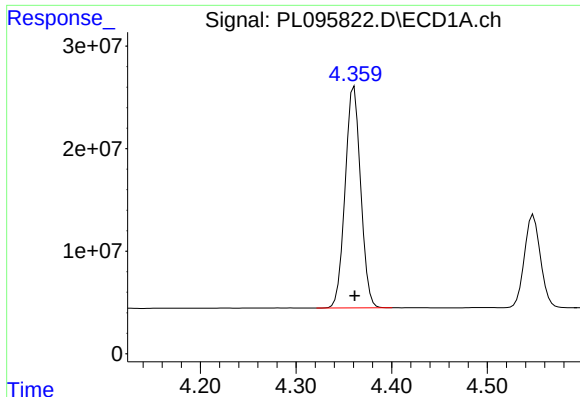
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 267689611
Conc: 55.22 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: -0.004 min
Response: 307707912
Conc: 52.53 ng/ml



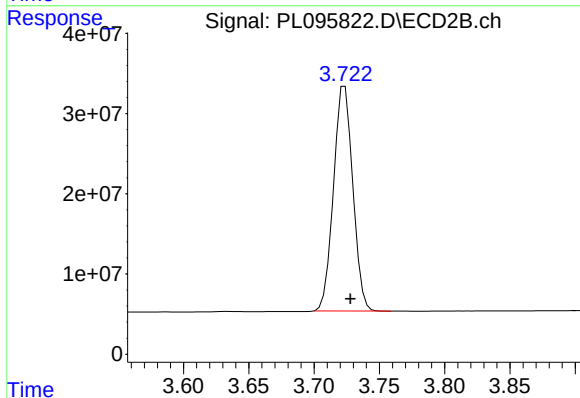
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 244829041
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

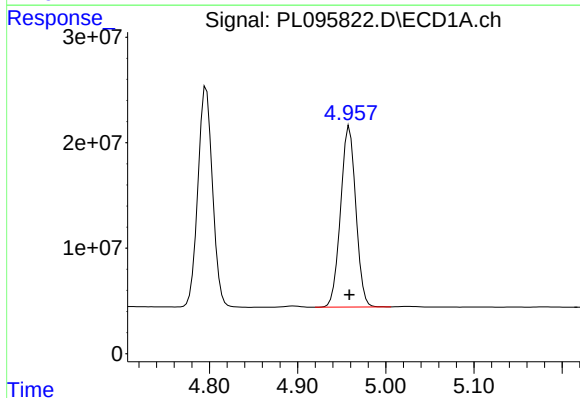
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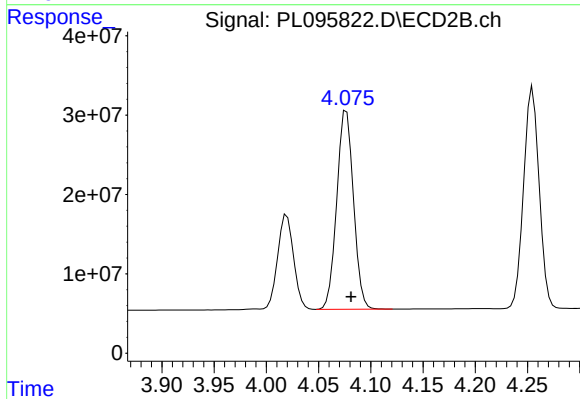
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.004 min
Response: 288611947
Conc: 51.53 ng/ml



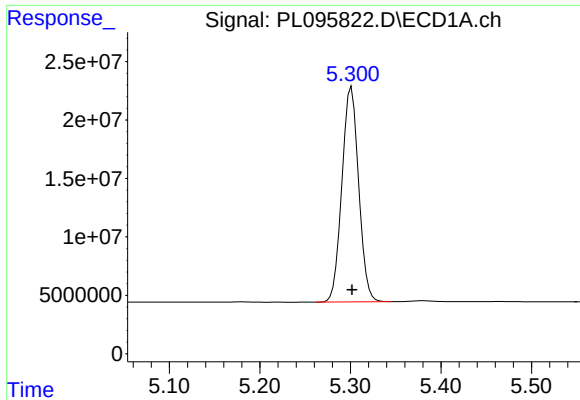
#4 Heptachlor

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 205697667
Conc: 54.34 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.005 min
Response: 278718168
Conc: 49.69 ng/ml



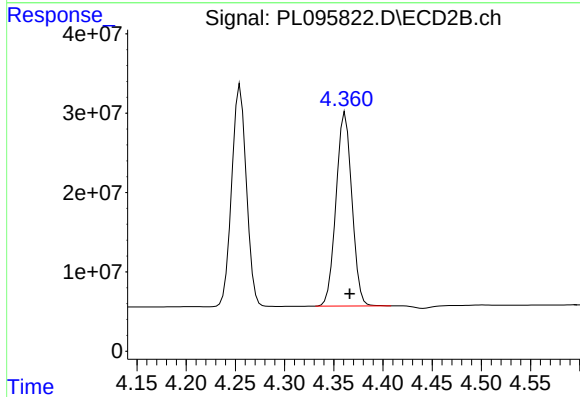
#5 Aldrin

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 236662041
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

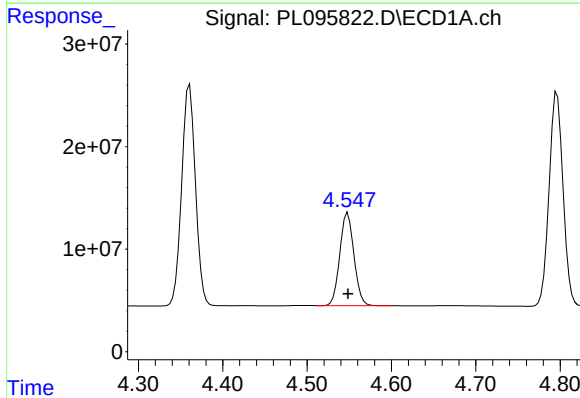
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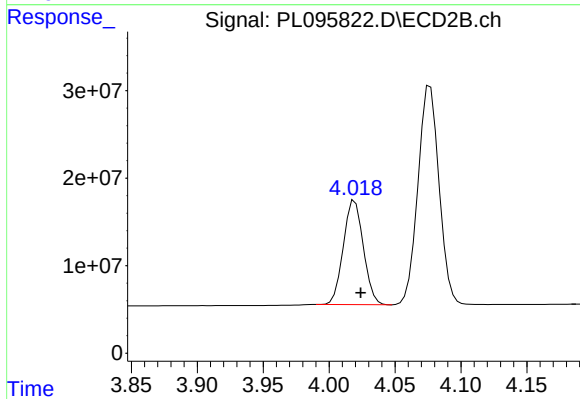
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.006 min
Response: 273322888
Conc: 51.50 ng/ml m



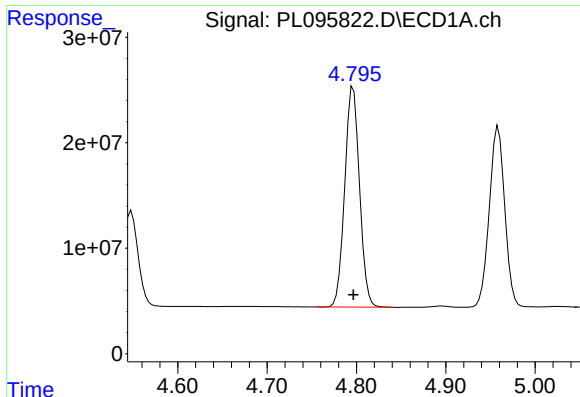
#6 beta-BHC

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 105601413
Conc: 53.57 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 125776603
Conc: 50.77 ng/ml



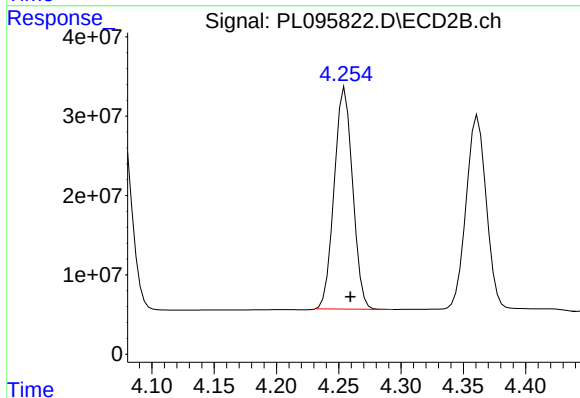
#7 delta-BHC

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 240194754
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

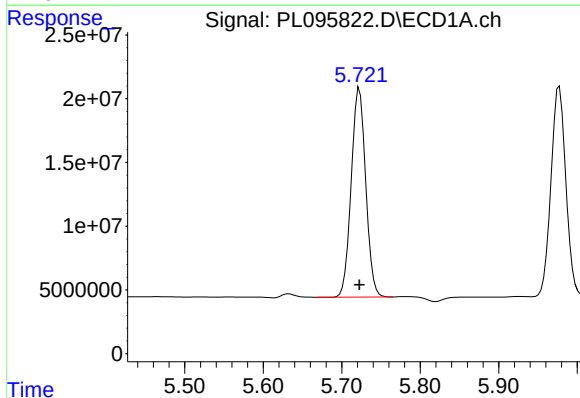
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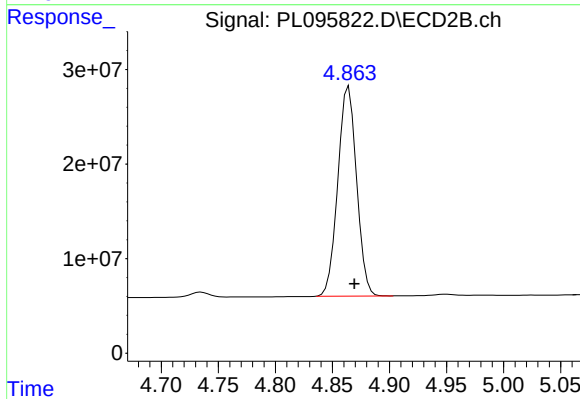
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.005 min
Response: 287212294
Conc: 50.86 ng/ml



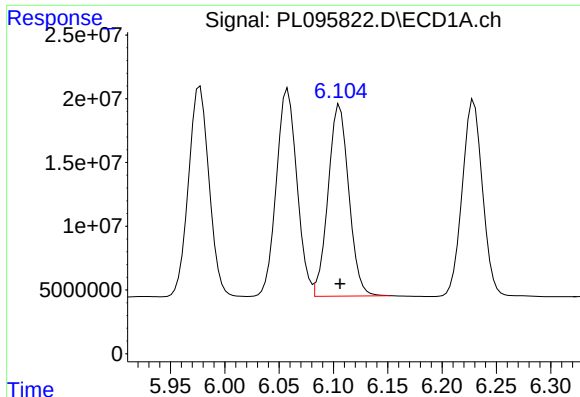
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 210646662
Conc: 55.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.005 min
Response: 253947482
Conc: 51.43 ng/ml



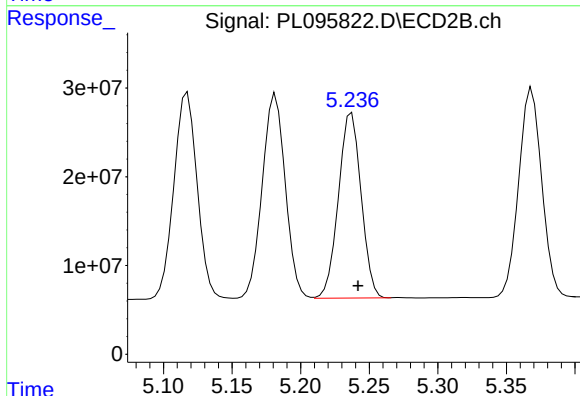
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 199411338
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

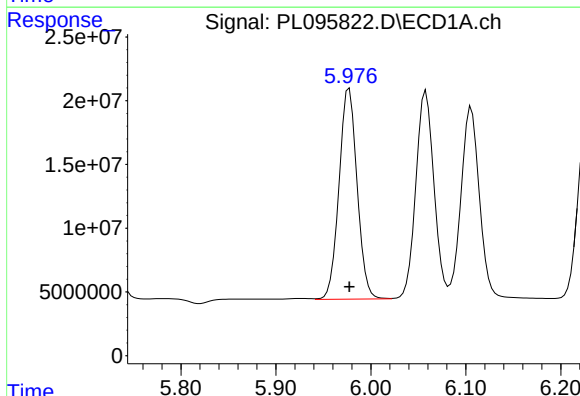
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Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



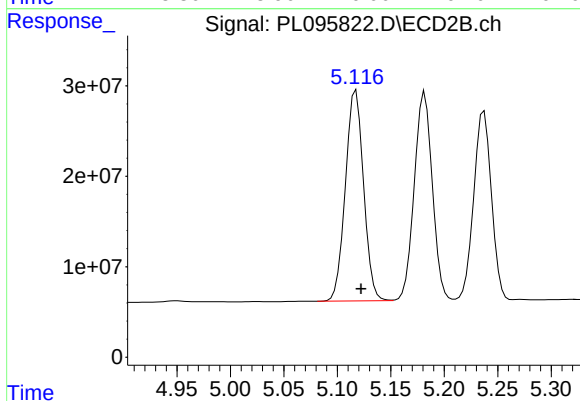
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 240531344
Conc: 50.48 ng/ml



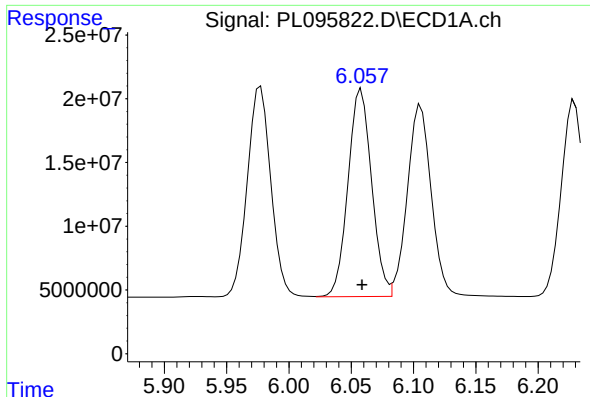
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 219148553
Conc: 56.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.005 min
Response: 275639616
Conc: 52.48 ng/ml



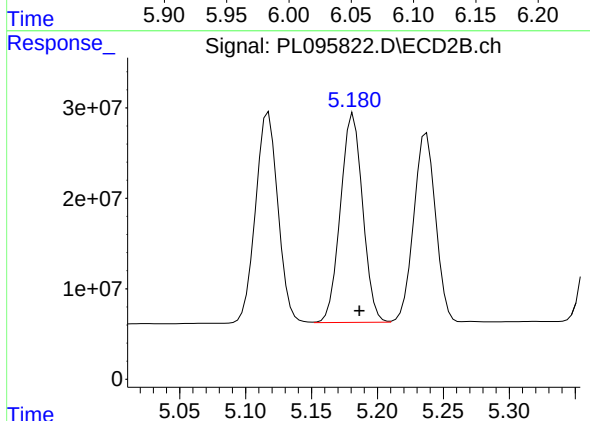
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 215423788
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

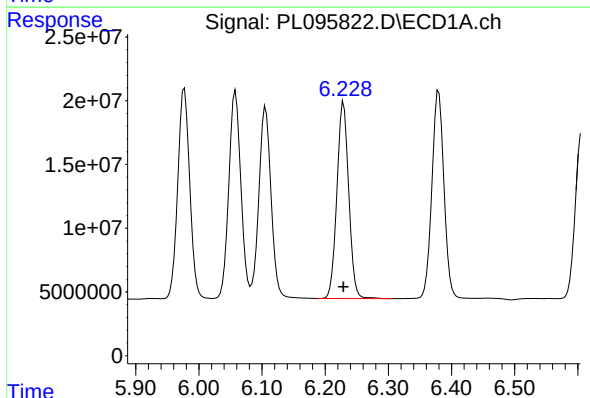
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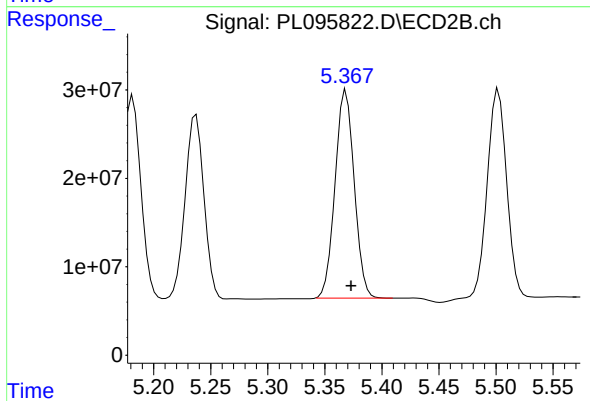
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.005 min
Response: 270605845
Conc: 52.01 ng/ml



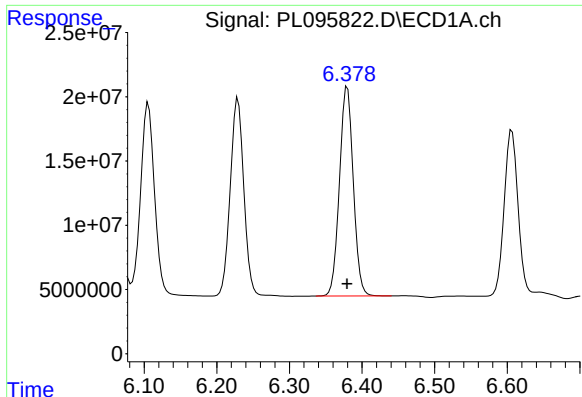
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 201231967
Conc: 54.86 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 274880756
Conc: 51.26 ng/ml



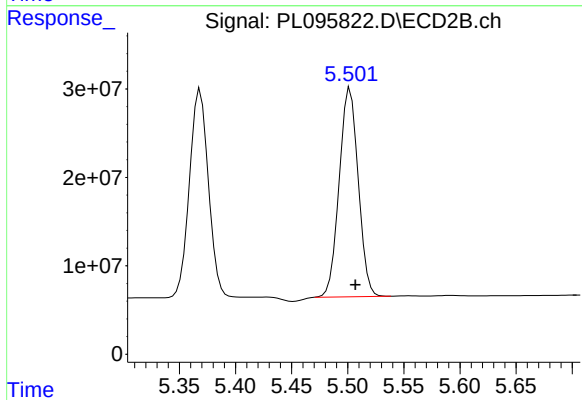
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 215406886
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

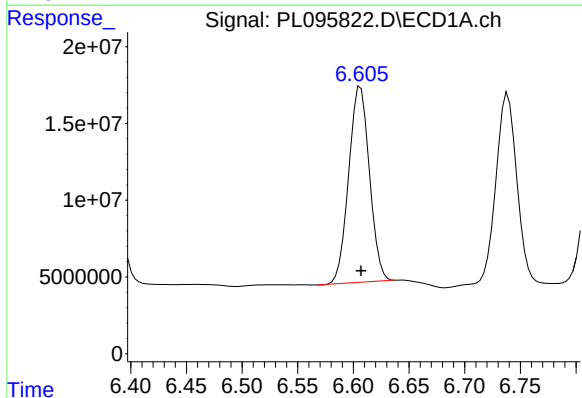
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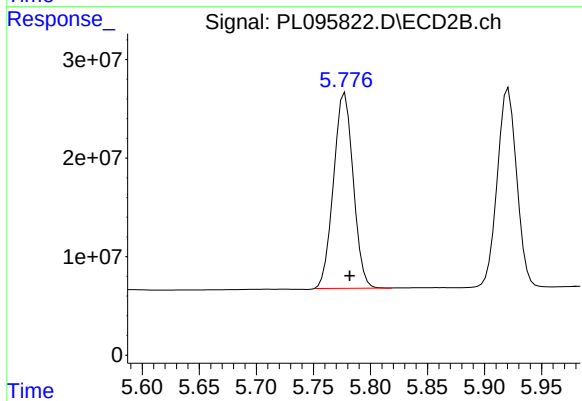
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 278832695
Conc: 52.61 ng/ml



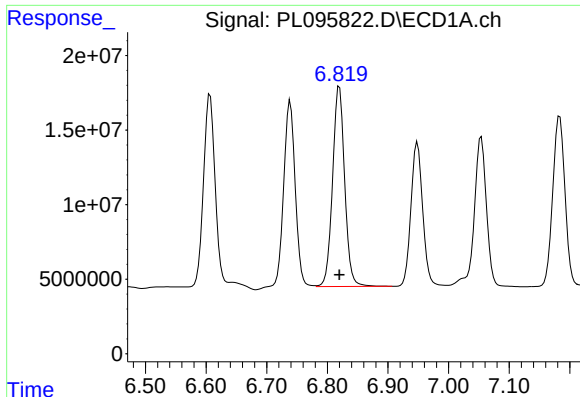
#14 Endrin

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 165717991
Conc: 51.36 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 238168482
Conc: 48.84 ng/ml



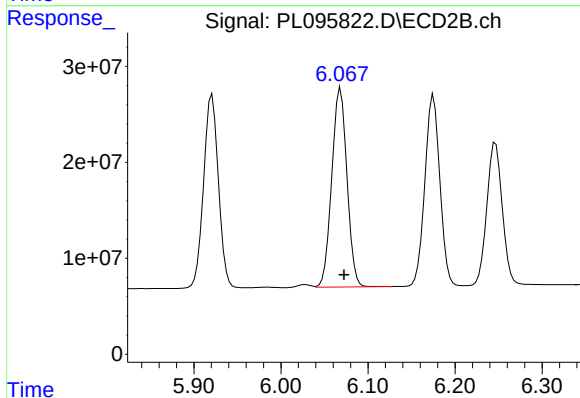
#15 Endosulfan II

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 186651436
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

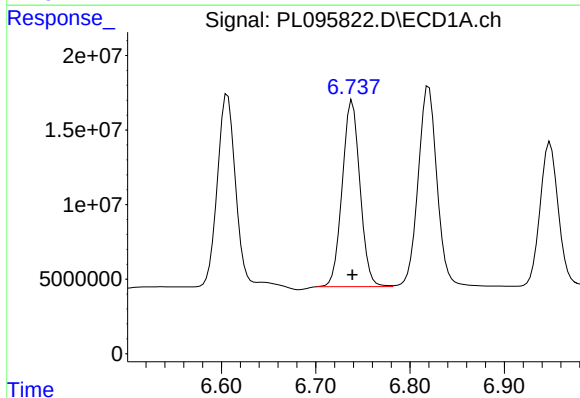
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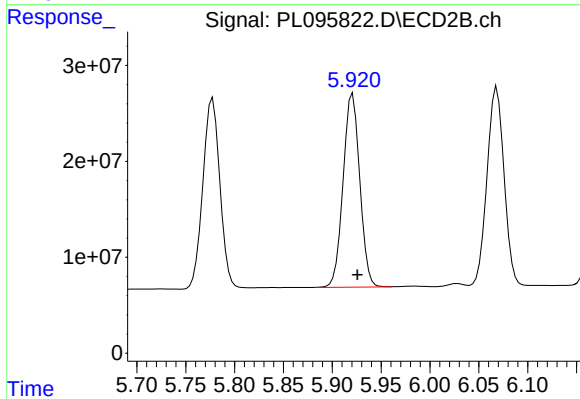
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 252052986
Conc: 53.04 ng/ml



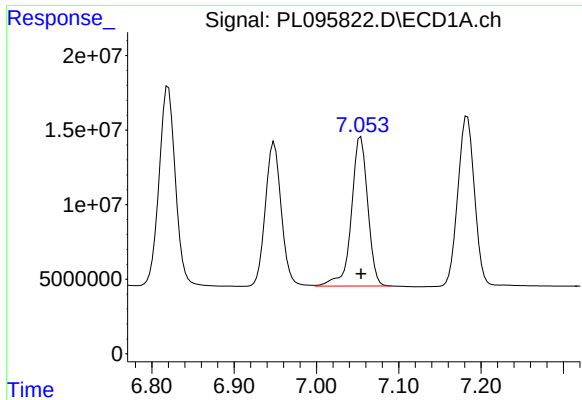
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 163816120
Conc: 55.90 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.005 min
Response: 239932455
Conc: 54.72 ng/ml



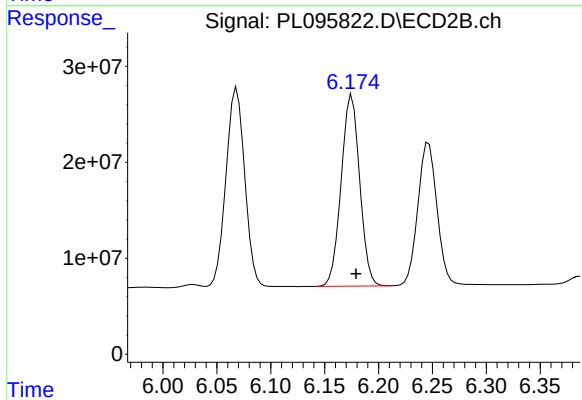
#17 4,4'-DDT

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 138216265
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

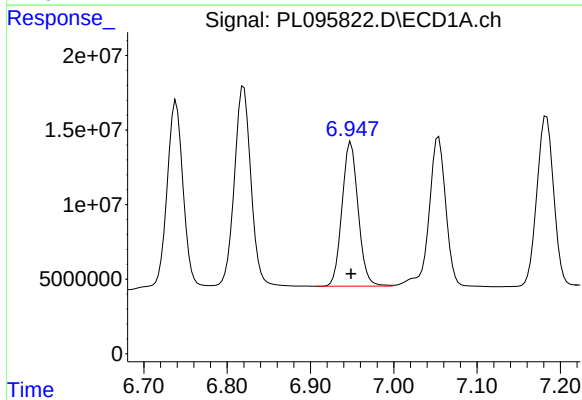
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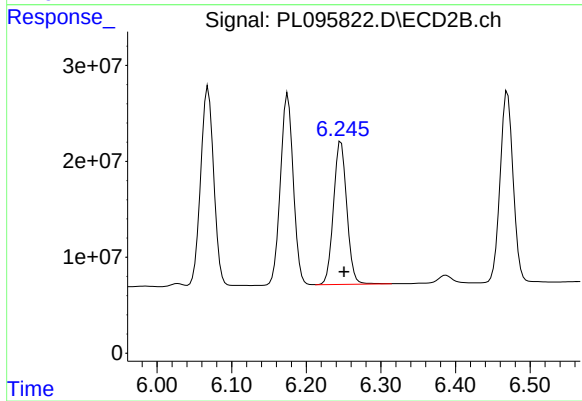
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 238501414
Conc: 49.87 ng/ml



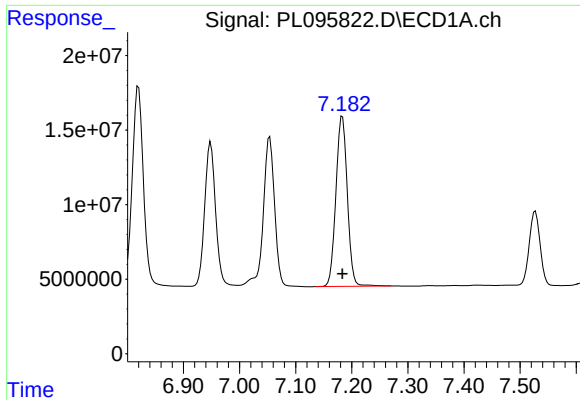
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 130038541
Conc: 53.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 185108511
Conc: 53.59 ng/ml



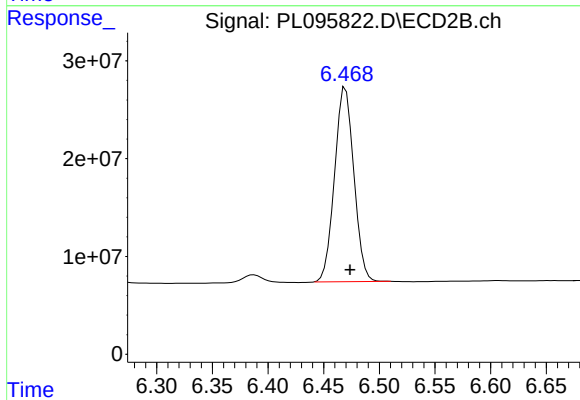
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 161754641
Conc: 54.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

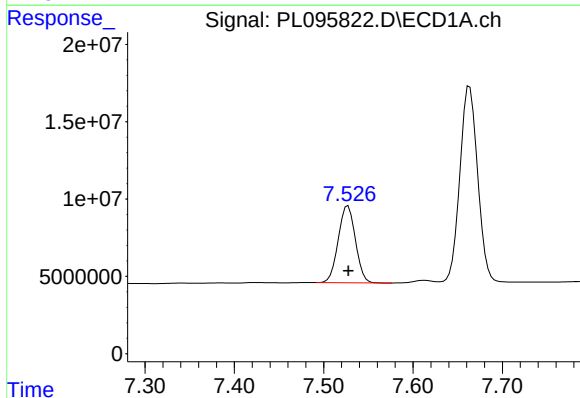
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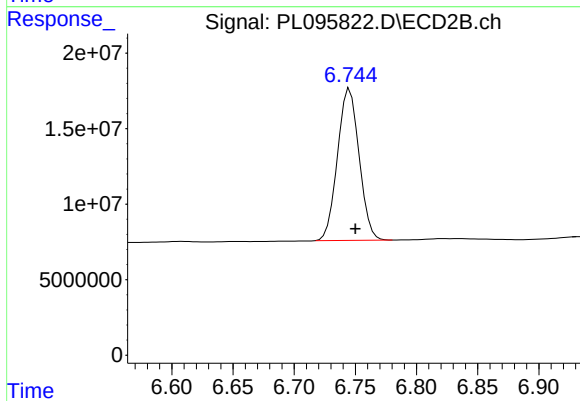
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 239712419
Conc: 53.33 ng/ml



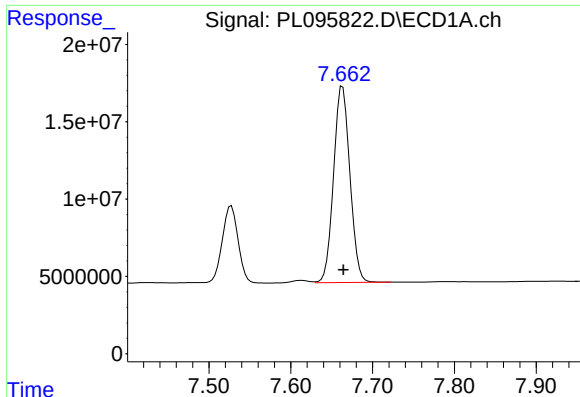
#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 66416675
Conc: 52.08 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.005 min
Response: 123631954
Conc: 47.26 ng/ml



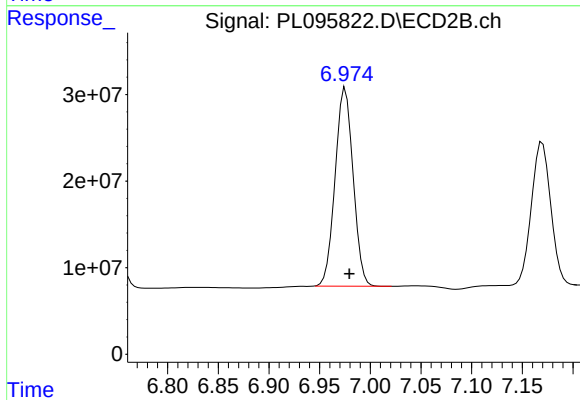
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 176076084
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

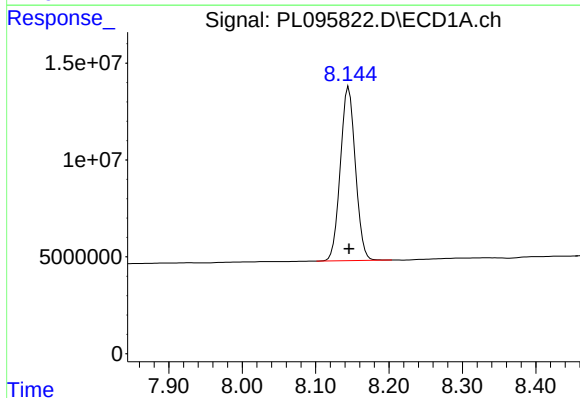
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APPROVED

Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



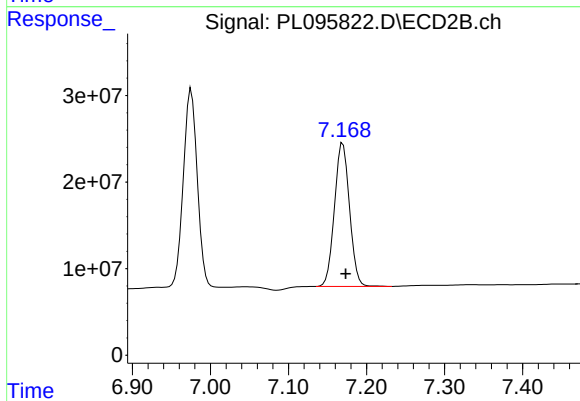
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 283194073
Conc: 54.74 ng/ml



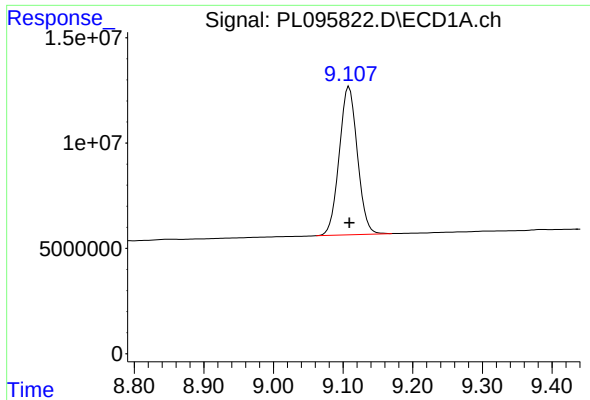
#22 Mirex

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 127663199
Conc: 55.18 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 222274366
Conc: 54.74 ng/ml



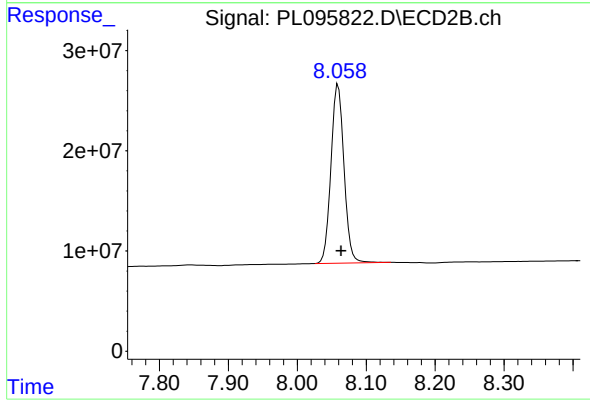
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 127303485
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 234701387
Conc: 53.65 ng/ml