

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
 Data File : PL095824.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 13:46
 Operator : AR\AJ
 Sample : PB168196BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168196BS

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 00:52:36 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...	3.571	2.884	75288611	91375593	23.861	23.346
28)	SA Decachlor...	9.100	8.060	57293765	109.7E6	24.315	25.074
Target Compounds							
2)	A alpha-BHC	4.023	3.394	278.0E6	341.4E6	57.336	58.284
3)	MA gamma-BHC...	4.355	3.727	257.2E6	327.8E6	57.524	58.528
4)	MA Heptachlor	4.953	4.080	218.7E6	320.7E6	57.787	57.178
5)	MB Aldrin	5.296	4.365	251.1E6	315.2E6	58.692	59.398
6)	B beta-BHC	4.542	4.022	111.9E6	144.5E6	56.760	58.316m
7)	B delta-BHC	4.791	4.258	241.0E6	312.8E6	54.363	55.389
8)	B Heptachlo...	5.717	4.867	223.6E6	291.1E6	58.587	58.966
9)	A Endosulfan I	6.100	5.239	212.7E6	278.6E6	58.033	58.477
10)	B gamma-Chl...	5.972	5.120	232.1E6	313.1E6	59.644	59.606
11)	B alpha-Chl...	6.053	5.184	229.1E6	307.1E6	58.031	59.022
12)	B 4,4'-DDE	6.223	5.370	213.3E6	313.8E6	58.155	58.517
13)	MA Dieldrin	6.373	5.504	227.9E6	313.2E6	59.058	59.085
14)	MA Endrin	6.601	5.779	175.9E6	269.2E6	54.499	55.202
15)	B Endosulfa...	6.814	6.070	193.3E6	280.2E6	56.097	58.969
16)	A 4,4'-DDD	6.733	5.923	174.3E6	269.7E6	59.469	61.513
17)	MA 4,4'-DDT	7.049	6.176	147.3E6	259.5E6	54.439	54.258
18)	B Endrin al...	6.944	6.248	139.9E6	206.4E6	57.862	59.758
19)	B Endosulfa...	7.177	6.471	167.4E6	258.5E6	56.057	57.522
20)	A Methoxychlor	7.522	6.747	69292875	136.4E6	54.333	52.138
21)	B Endrin ke...	7.659	6.976	186.6E6	311.9E6	58.934	60.278
22)	Mirex	8.140	7.170	133.5E6	233.8E6	57.680	57.568

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
Data File : PL095824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 13:46
Operator : AR\AJ
Sample : PB168196BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168196BS

Manual Integrations

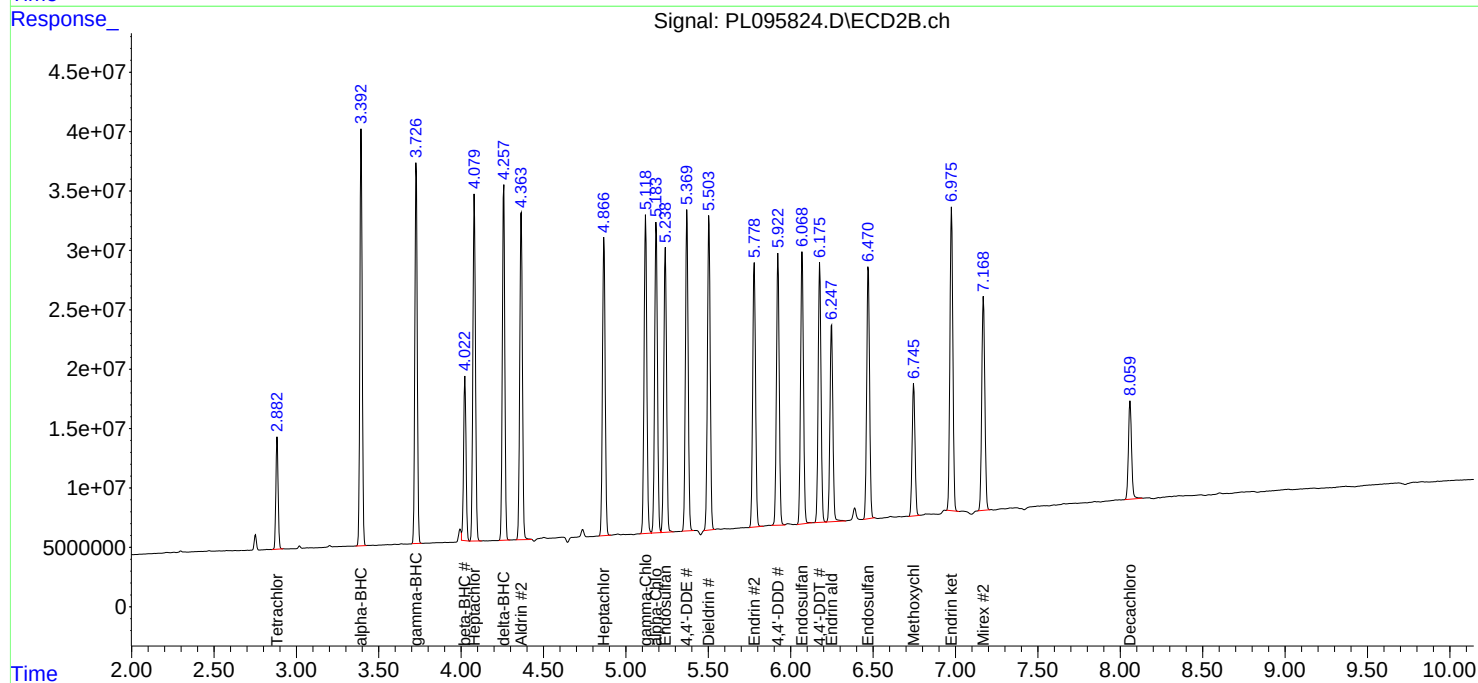
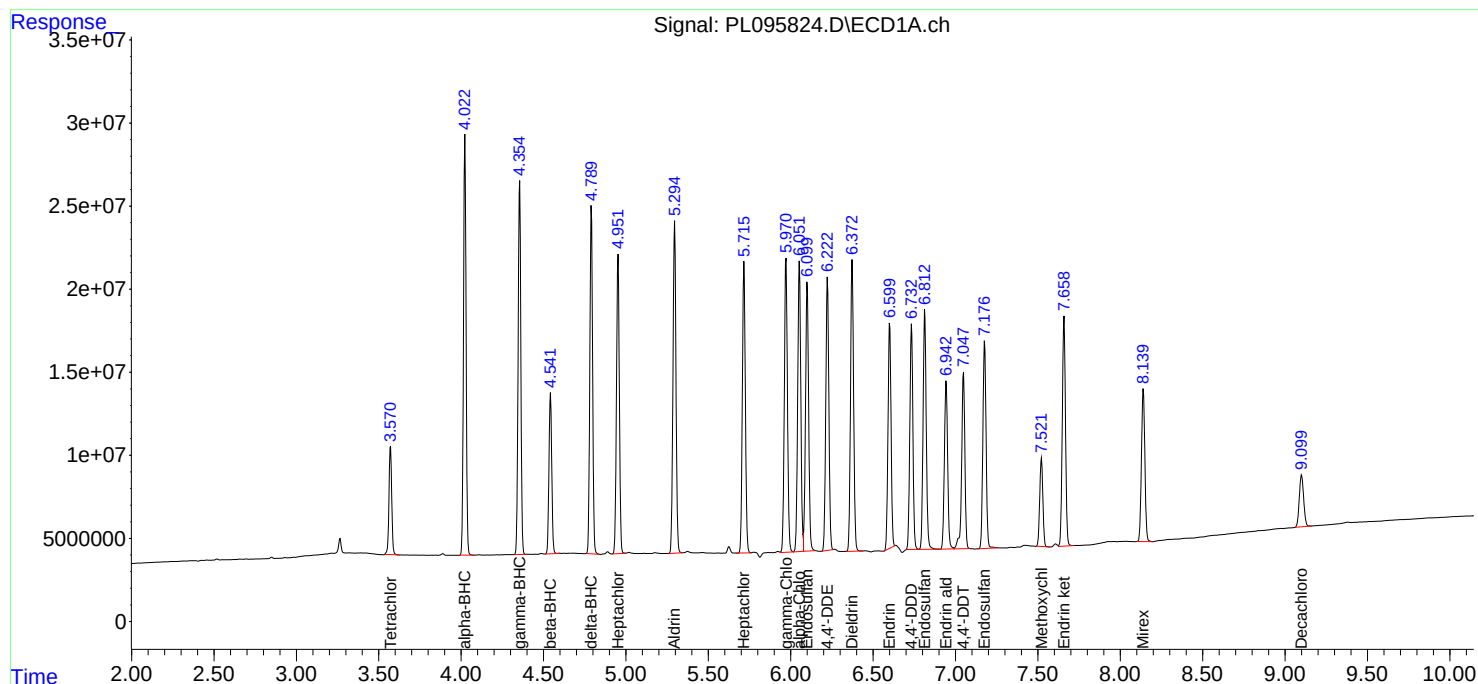
APPROVED

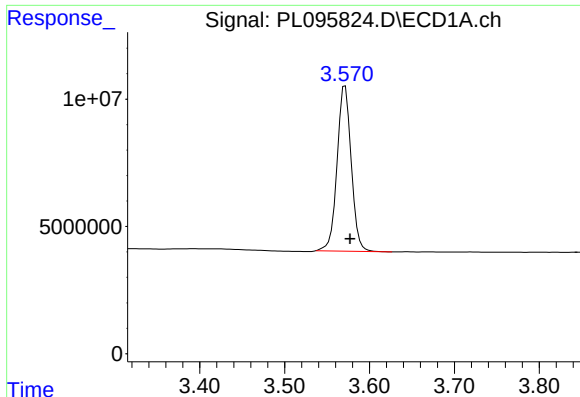
Reviewed By :Abdul Mirza 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 00:52:36 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.: 3.571 min
Delta R.T.: -0.006 min
Response: 75288611
Conc: 23.86 ng/ml

Instrument :

ECD_L

ClientSampleId :

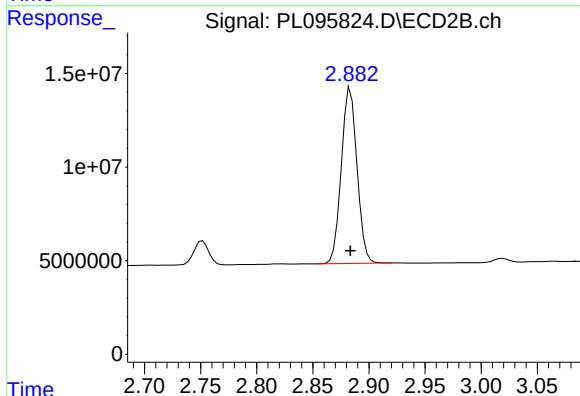
PB168196BS

Manual Integrations

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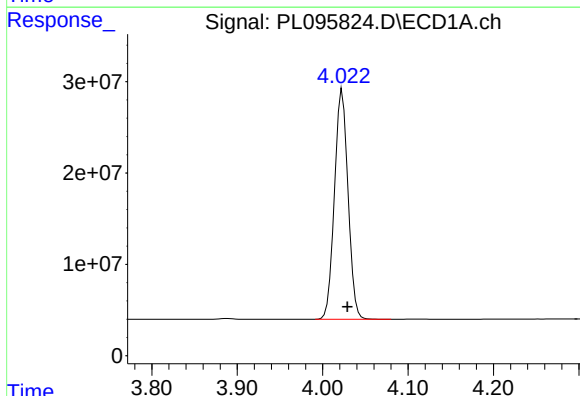
Reviewed By :Abdul Mirza 05/30/2025

Supervised By :mohammad ahmed 05/30/2025



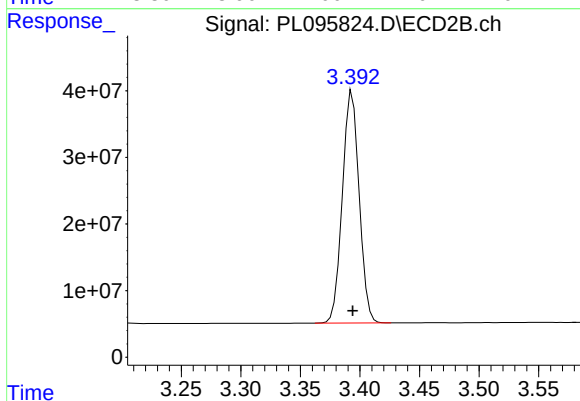
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 91375593
Conc: 23.35 ng/ml



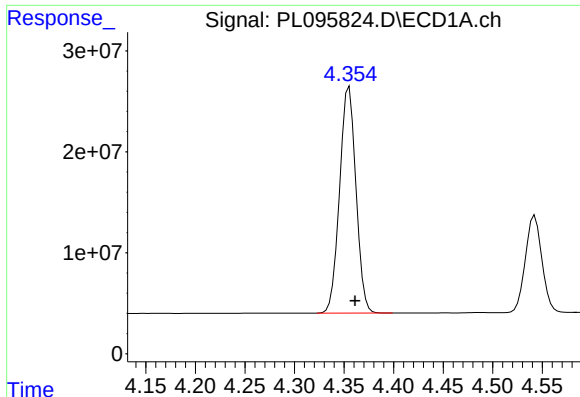
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 277961713
Conc: 57.34 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 341388837
Conc: 58.28 ng/ml



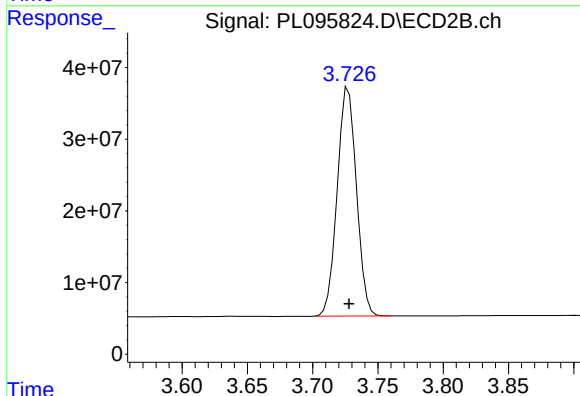
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 257237406
Conc: 57.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

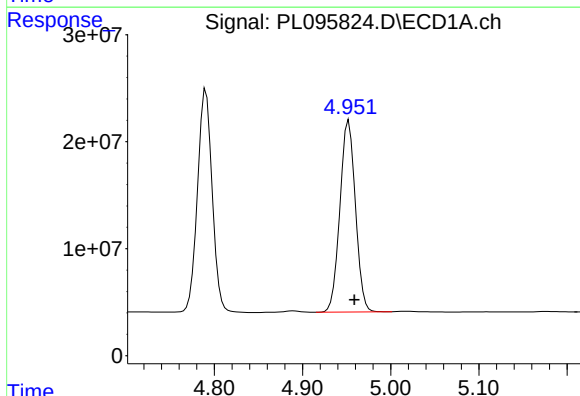
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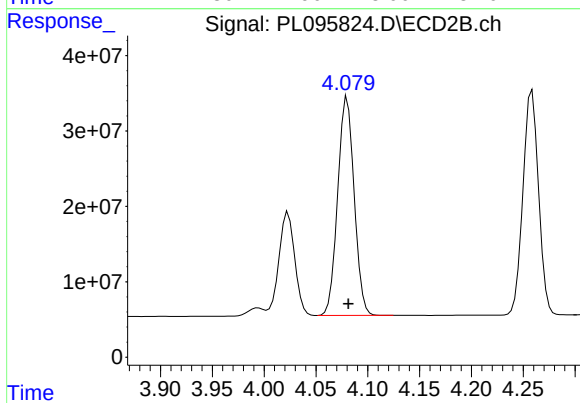
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 327827147
Conc: 58.53 ng/ml



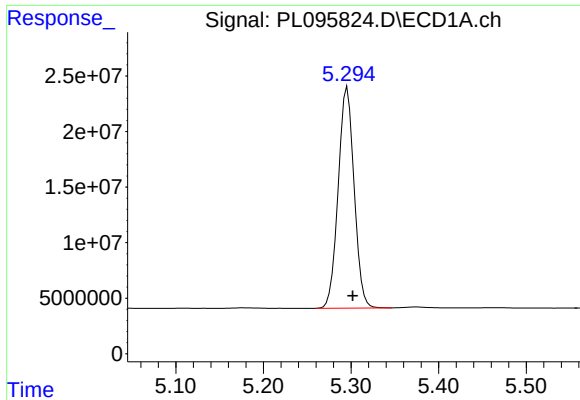
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 218724359
Conc: 57.79 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 320712370
Conc: 57.18 ng/ml



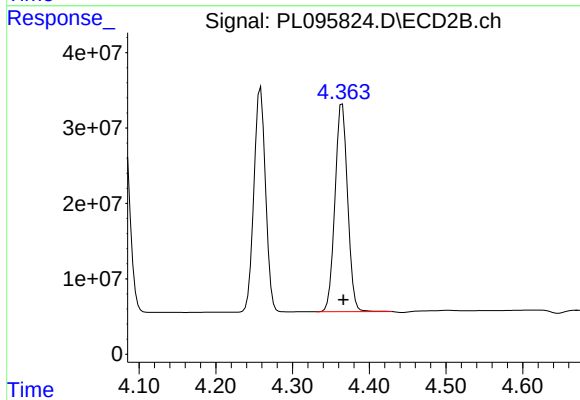
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 251069296
Conc: 58.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

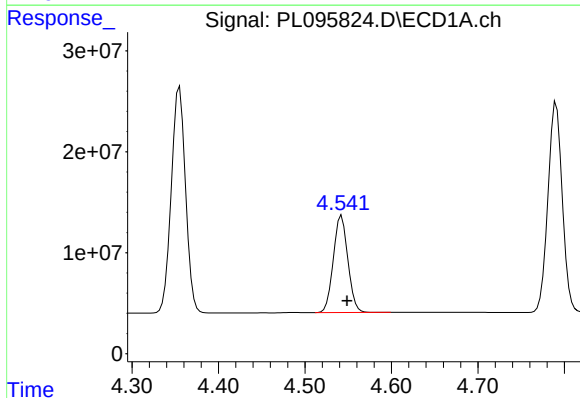
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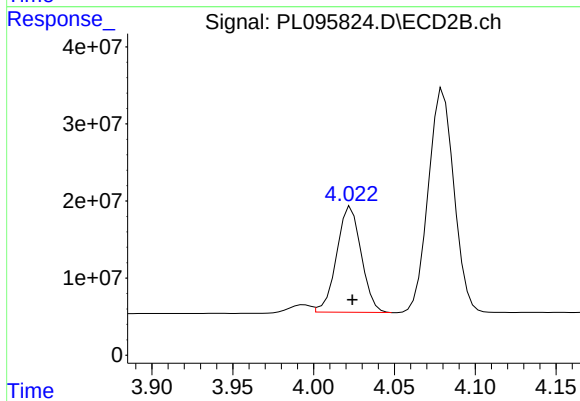
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 315233611
Conc: 59.40 ng/ml



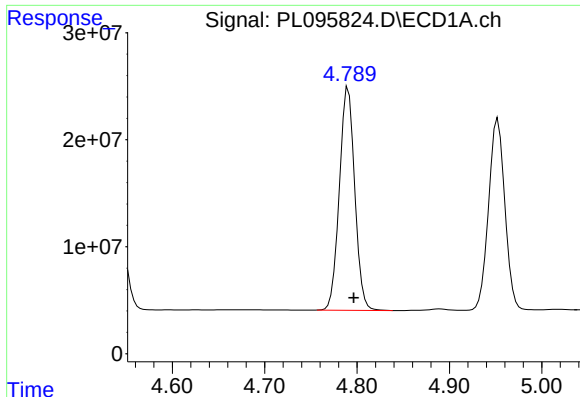
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 111894474
Conc: 56.76 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 144479772
Conc: 58.32 ng/ml m



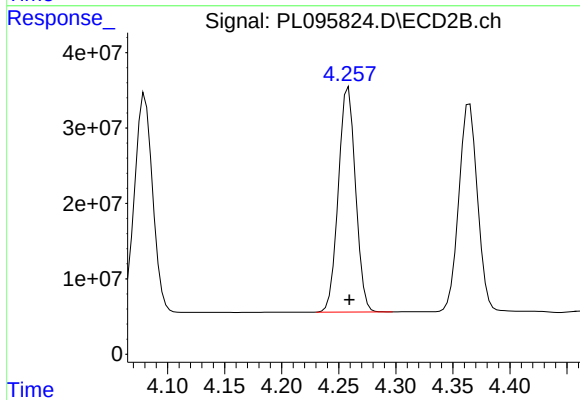
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 241026123
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

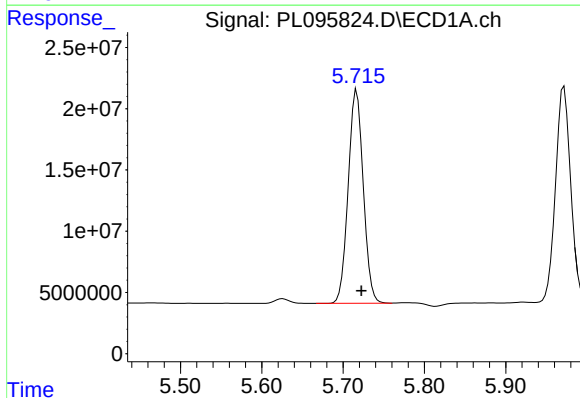
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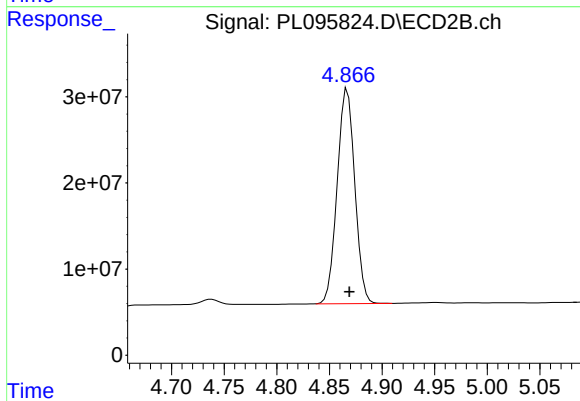
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 312803975
Conc: 55.39 ng/ml



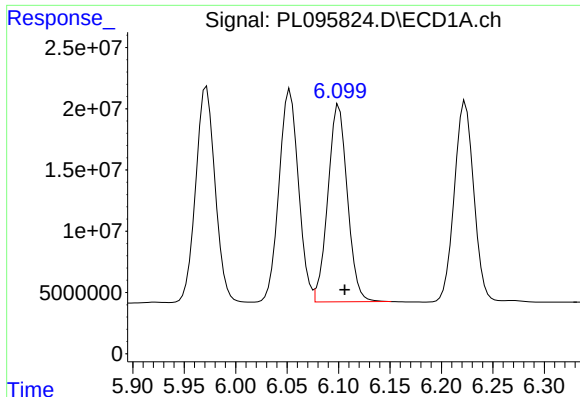
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 223617026
Conc: 58.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 291140604
Conc: 58.97 ng/ml



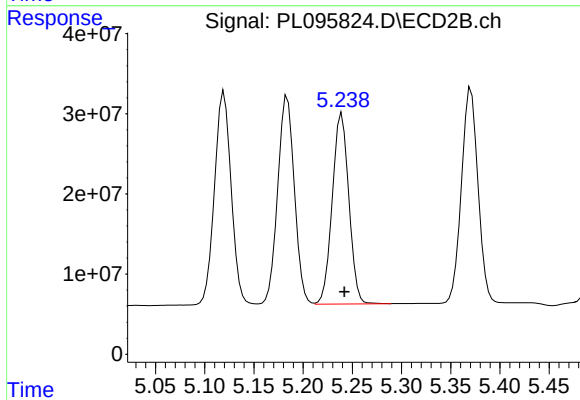
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 212682956
Conc: 58.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

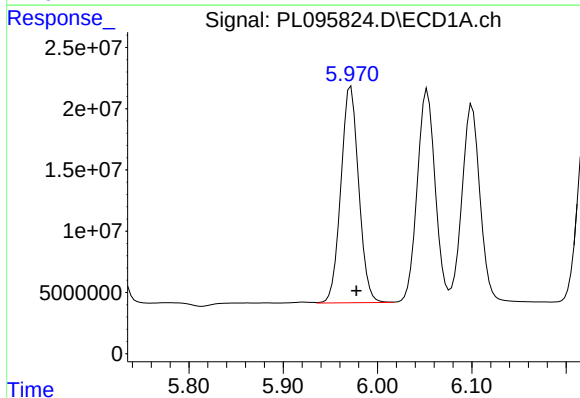
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Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



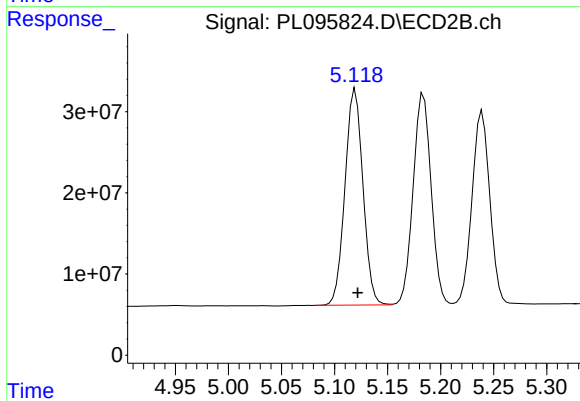
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 278643326
Conc: 58.48 ng/ml



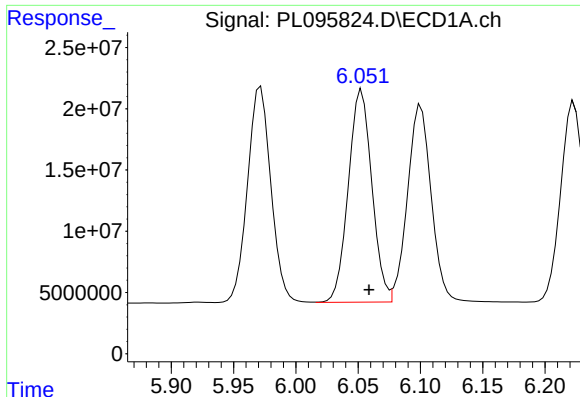
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 232138130
Conc: 59.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 313094601
Conc: 59.61 ng/ml



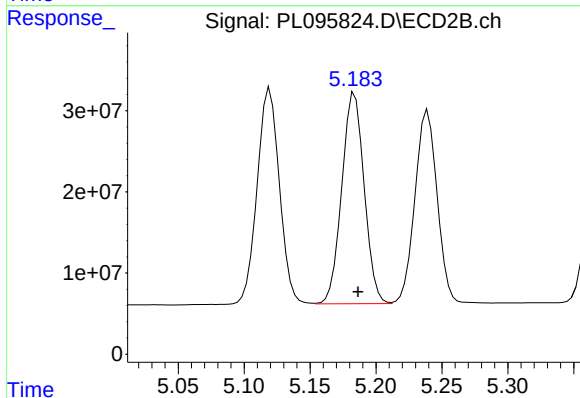
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 229115537
Conc: 58.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

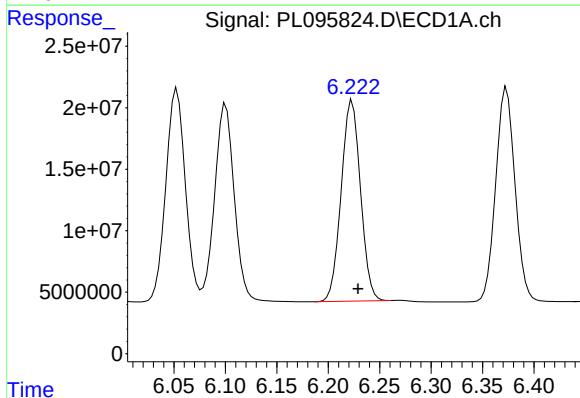
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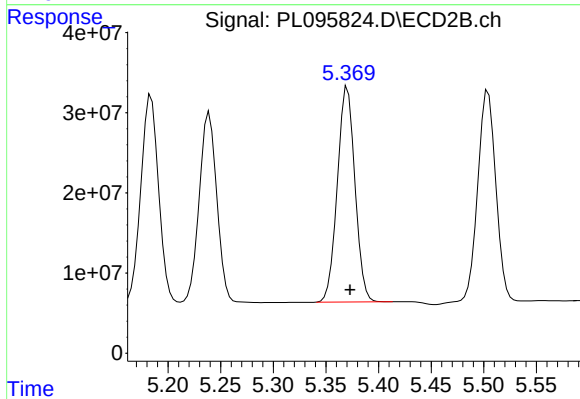
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 307075055
Conc: 59.02 ng/ml



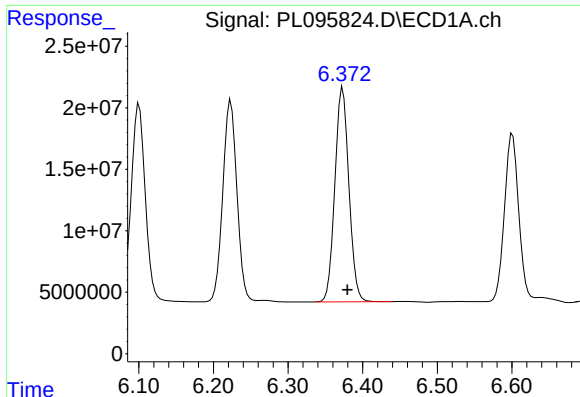
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 213305165
Conc: 58.15 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 313774848
Conc: 58.52 ng/ml



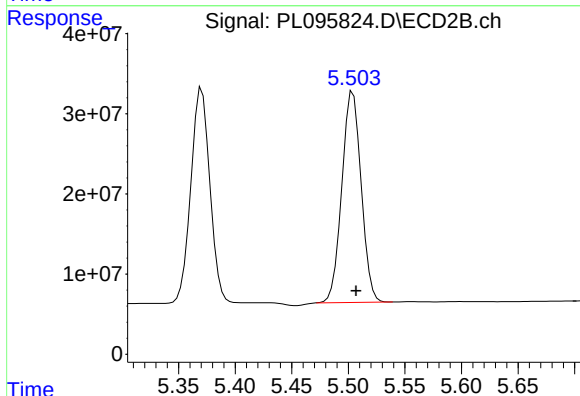
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.006 min
Response: 227917244
Conc: 59.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

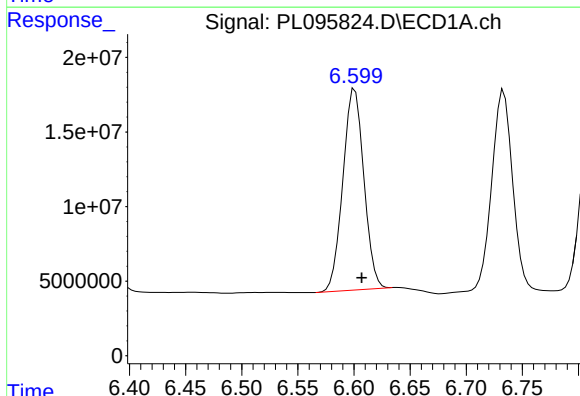
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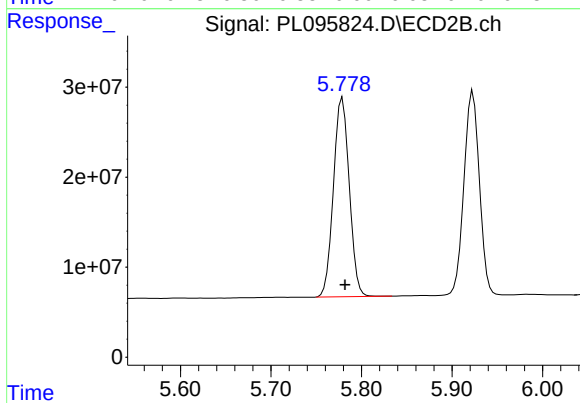
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 313156001
Conc: 59.08 ng/ml



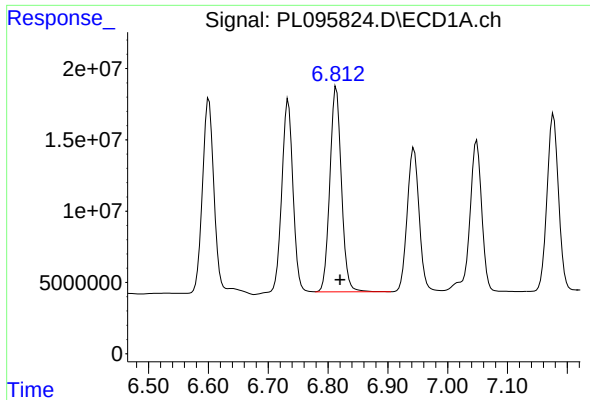
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 175854080
Conc: 54.50 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 269169594
Conc: 55.20 ng/ml



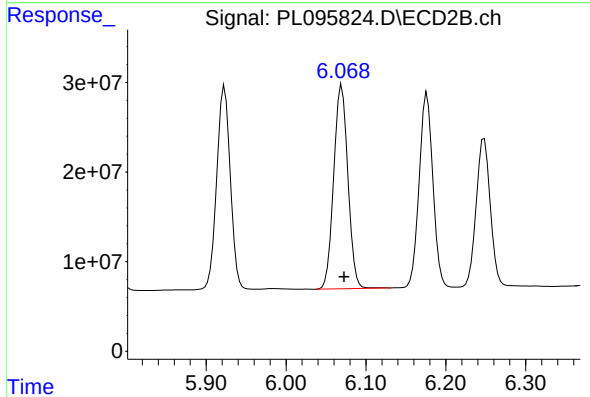
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 193311352
Conc: 56.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

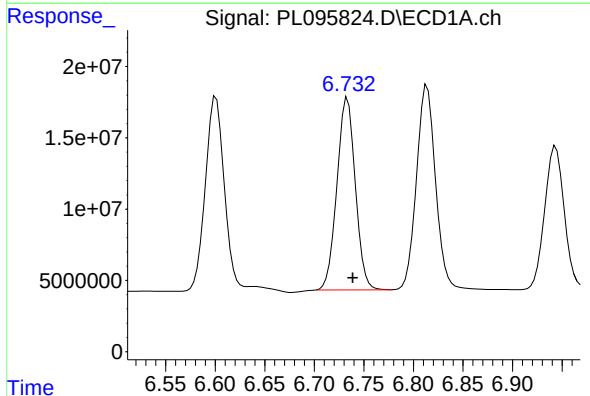
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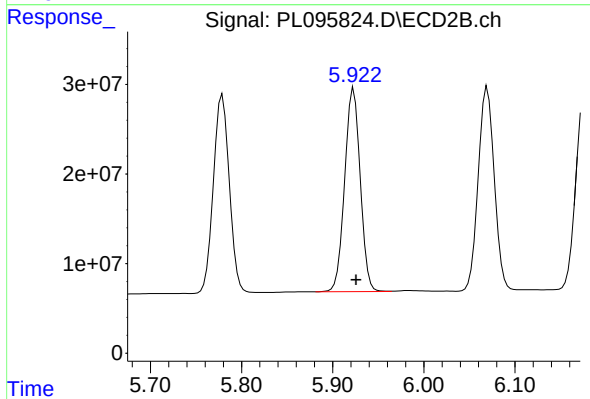
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 280209622
Conc: 58.97 ng/ml



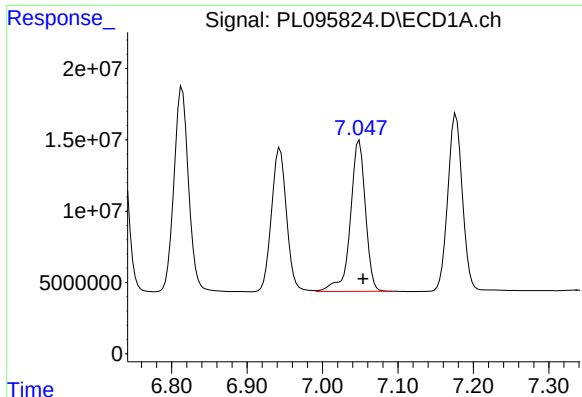
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.005 min
Response: 174279542
Conc: 59.47 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 269730191
Conc: 61.51 ng/ml



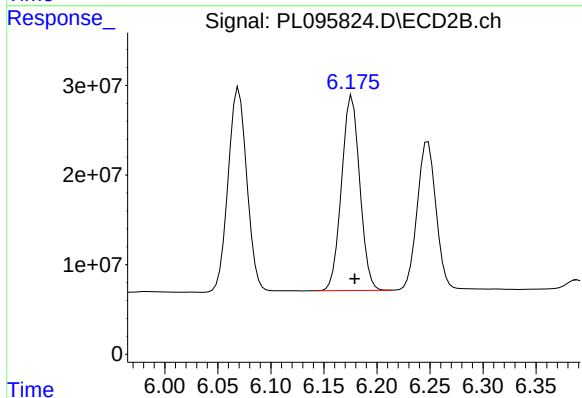
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 147265122
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

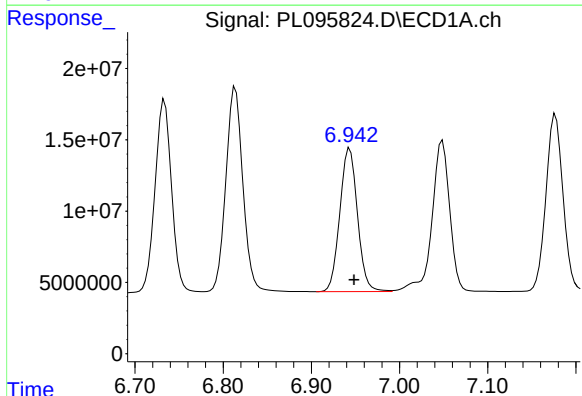
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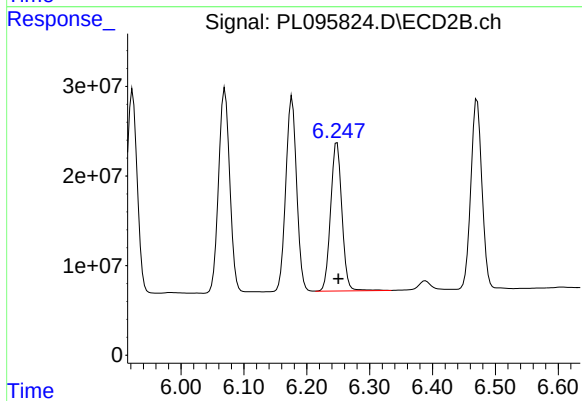
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 259495681
Conc: 54.26 ng/ml



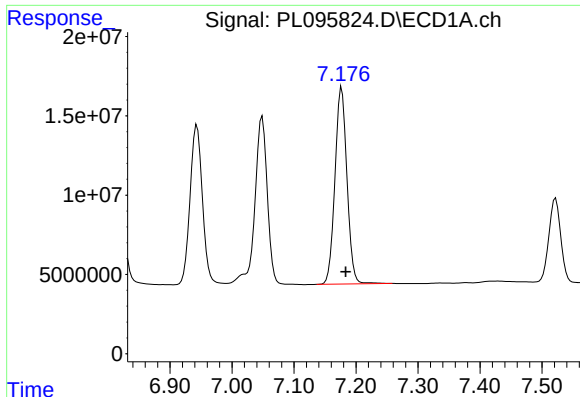
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 139888317
Conc: 57.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 206422180
Conc: 59.76 ng/ml



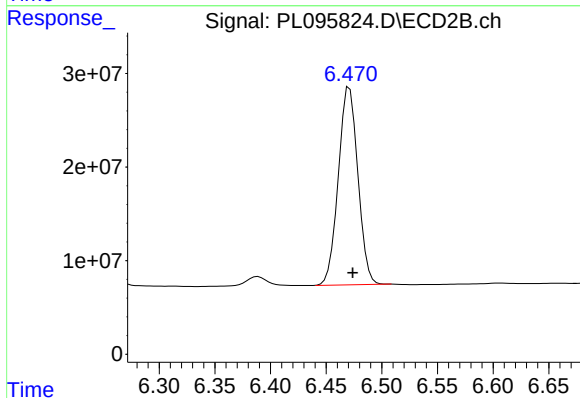
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 167436941
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

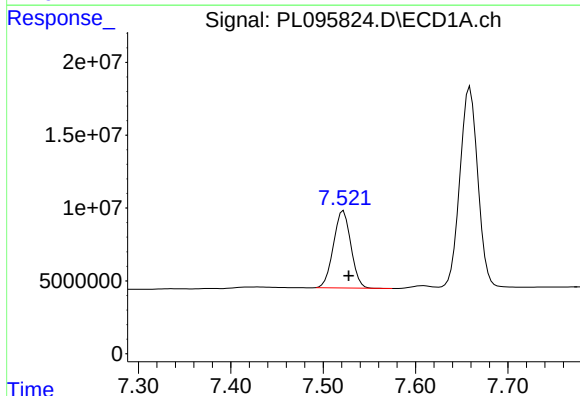
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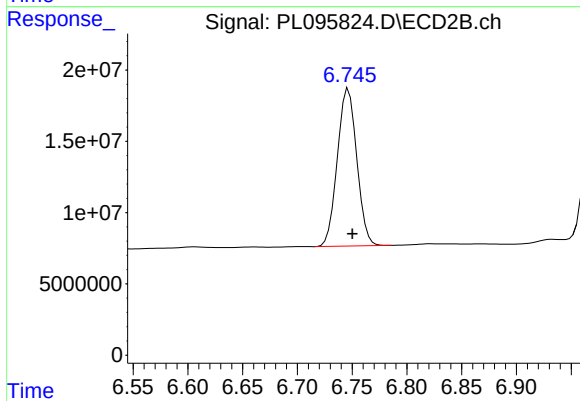
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 258549119
Conc: 57.52 ng/ml



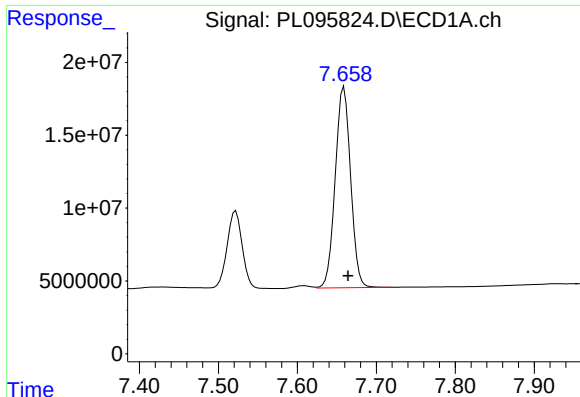
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.005 min
Response: 69292875
Conc: 54.33 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 136399568
Conc: 52.14 ng/ml



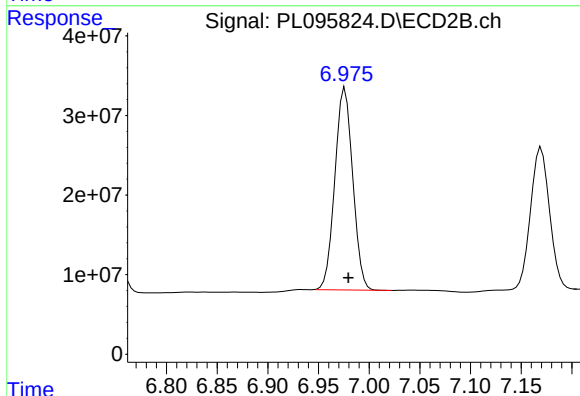
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.005 min
Response: 186638539
Conc: 58.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

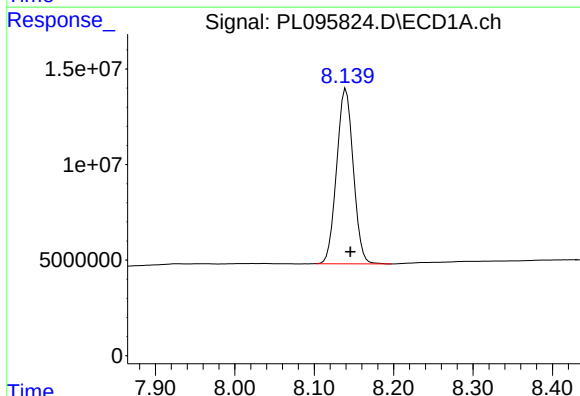
Manual Integrations
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Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



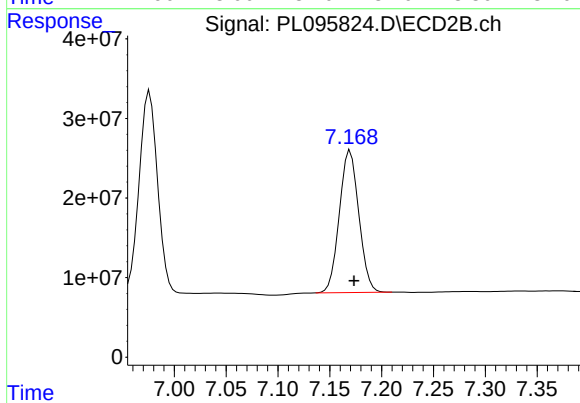
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 311871801
Conc: 60.28 ng/ml



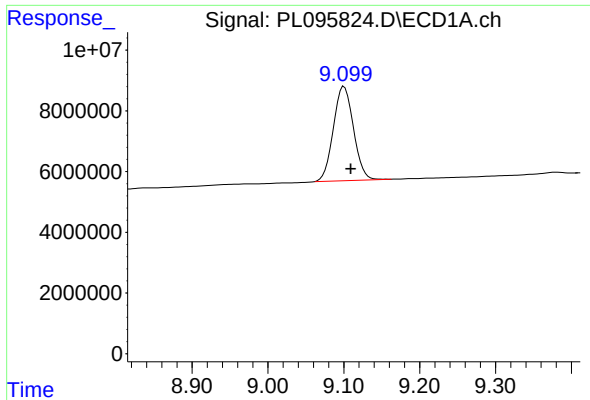
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.005 min
Response: 133458152
Conc: 57.68 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 233756539
Conc: 57.57 ng/ml



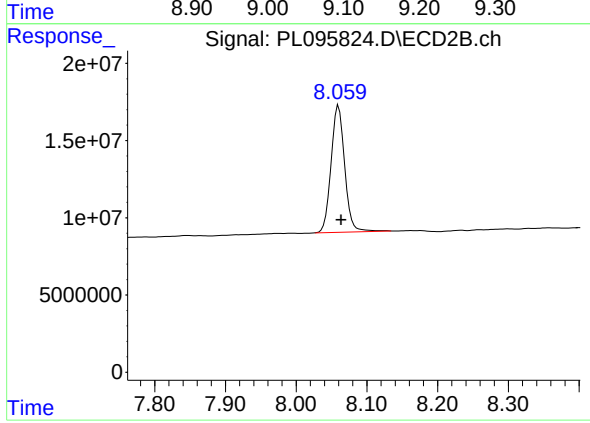
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.009 min
Response: 57293765
Conc: 24.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168196BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/30/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 109684583
Conc: 25.07 ng/ml