

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050225\
 Data File : PL095479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 15:10
 Operator : AR\AJ
 Sample : PB167766BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167766BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:56:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.595	2.906	67979878	64725528	20.823	20.356
2) SA Decachlor...	9.122	8.084	65263678	68857435	23.554	23.268
Target Compounds						
2) A alpha-BHC	4.046	3.416	260.4E6	230.7E6	52.574	51.860
3) MA gamma-BHC...	4.376	3.749	248.4E6	223.8E6	52.474m	50.879
4) MA Heptachlor	4.976	4.103	237.1E6	212.3E6	51.828	48.731
5) MB Aldrin	5.318	4.387	244.3E6	209.5E6	53.200	50.903
6) B beta-BHC	4.563	4.042	108.2E6	104.0E6	52.349	50.080
7) B delta-BHC	4.810	4.278	251.4E6	227.0E6	54.049m	51.815
8) B Heptachlo...	5.739	4.890	219.0E6	197.8E6	54.669	51.210
9) A Endosulfan I	6.122	5.263	212.4E6	189.3E6	55.929	51.702
10) B gamma-Chl...	5.993	5.141	228.1E6	206.8E6	55.923	51.035m
11) B alpha-Chl...	6.074	5.207	225.6E6	202.8E6	55.476	50.935
12) B 4,4'-DDE	6.243	5.393	219.4E6	206.3E6	55.958	50.732
13) MA Dieldrin	6.395	5.528	218.2E6	206.8E6	56.617	50.849
14) MA Endrin	6.622	5.803	161.7E6	166.5E6	50.772	45.743
15) B Endosulfa...	6.835	6.093	186.4E6	186.4E6	58.403	51.901
16) A 4,4'-DDD	6.752	5.945	174.8E6	178.4E6	61.754	54.611
17) MA 4,4'-DDT	7.067	6.199	153.4E6	163.0E6	53.863	47.441
18) B Endrin al...	6.963	6.271	139.7E6	144.5E6	60.209	55.298
19) B Endosulfa...	7.197	6.494	159.8E6	173.5E6	57.044	52.285
20) A Methoxychlor	7.538	6.769	69217831	84298442	49.614	44.195
21) B Endrin ke...	7.679	7.000	174.2E6	211.0E6	61.115	59.933
22) Mirex	8.160	7.196	131.1E6	159.2E6	55.193	55.235

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050225\
Data File : PL095479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:10
Operator : AR\AJ
Sample : PB167766BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167766BS

Manual Integrations

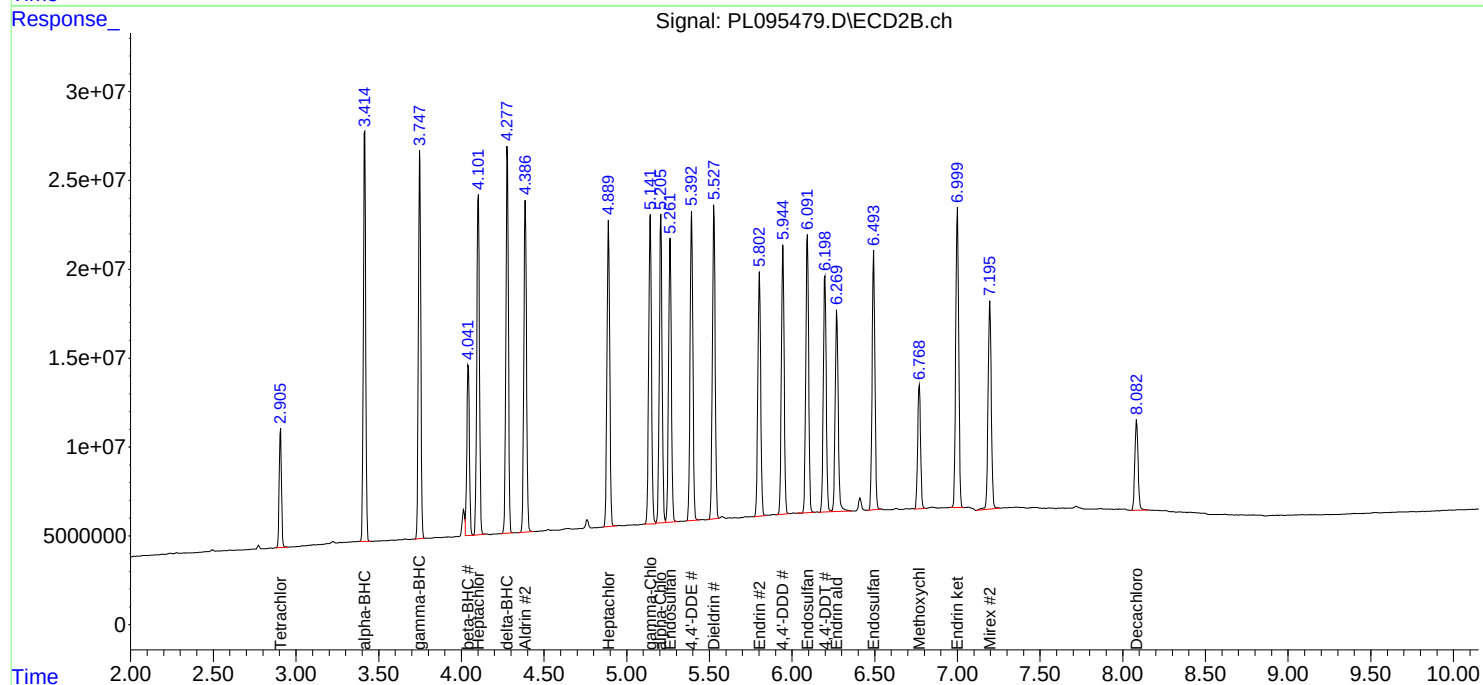
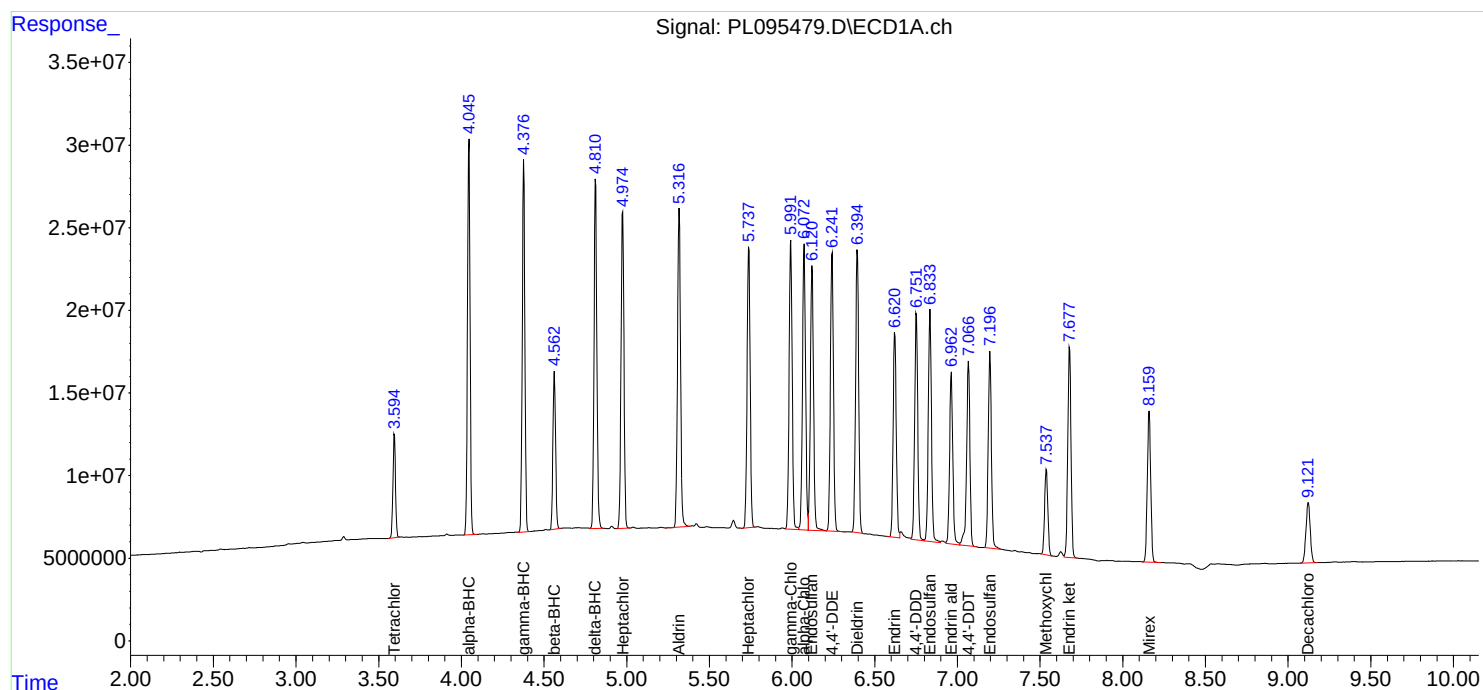
APPROVED

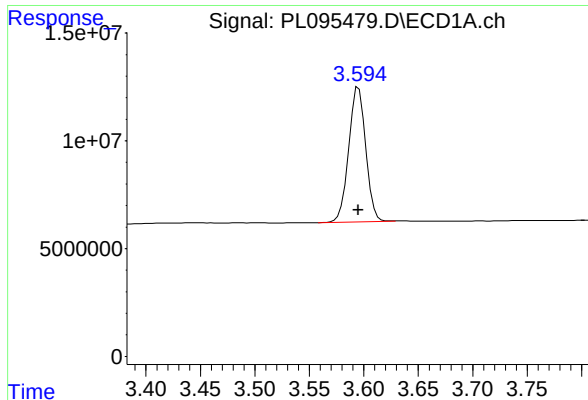
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:56:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





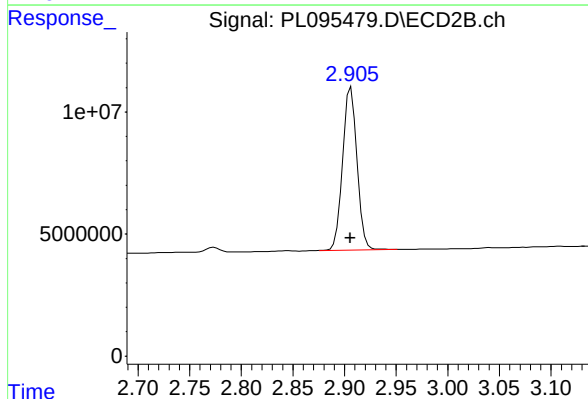
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 67979878
Conc: 20.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

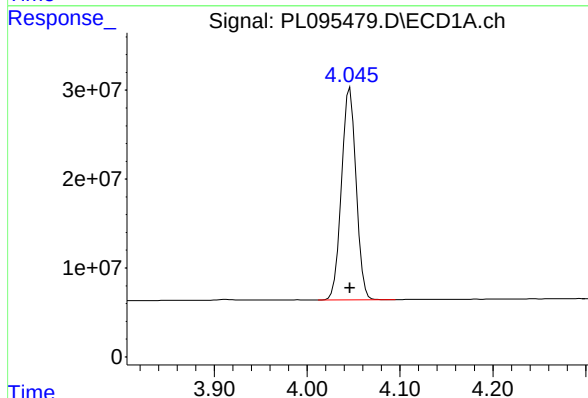
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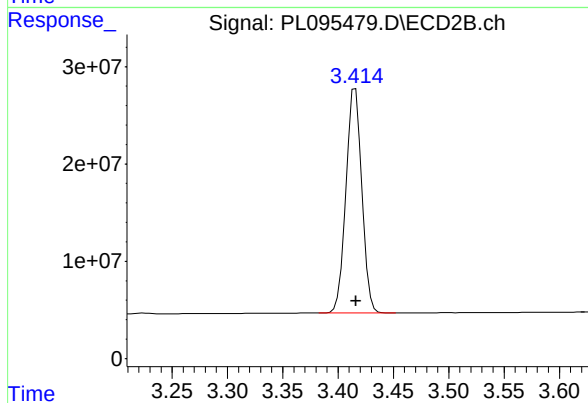
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 64725528
Conc: 20.36 ng/ml



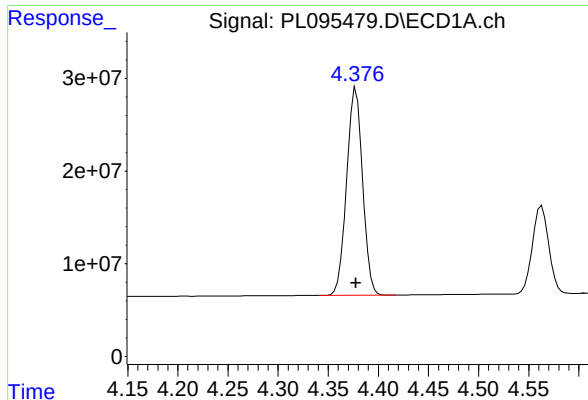
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 260436892
Conc: 52.57 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 230712433
Conc: 51.86 ng/ml



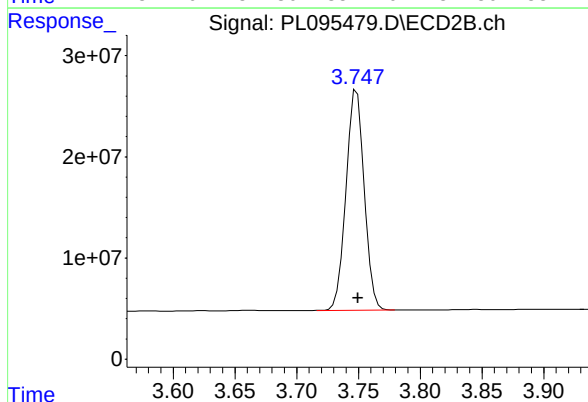
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 248409904
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

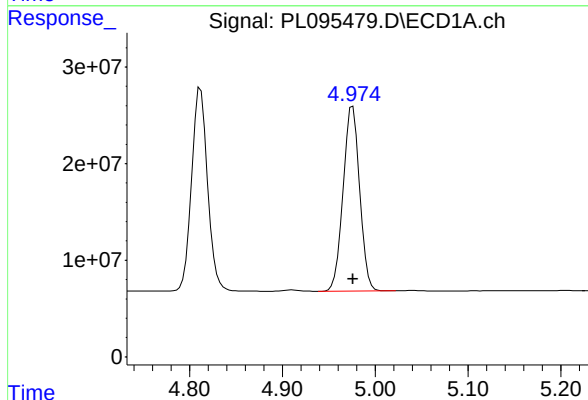
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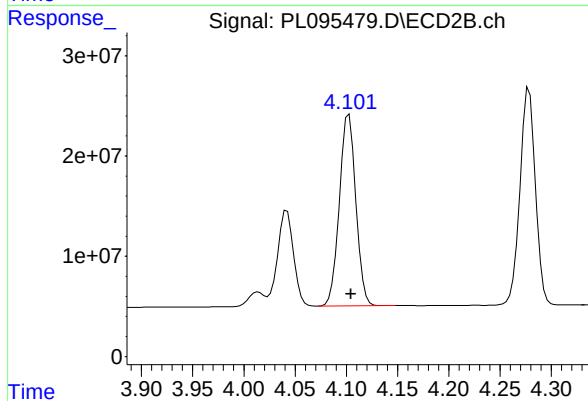
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 223776347
Conc: 50.88 ng/ml



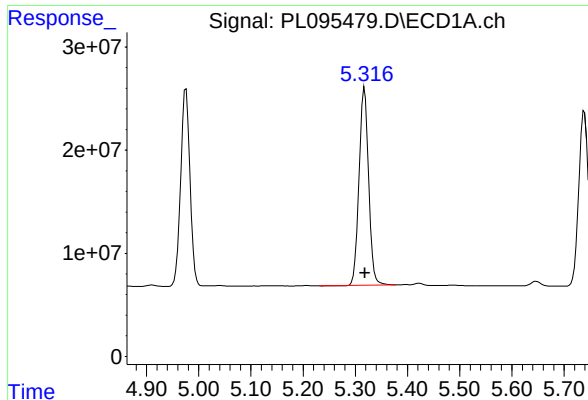
#4 Heptachlor

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 237085077
Conc: 51.83 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 212306414
Conc: 48.73 ng/ml



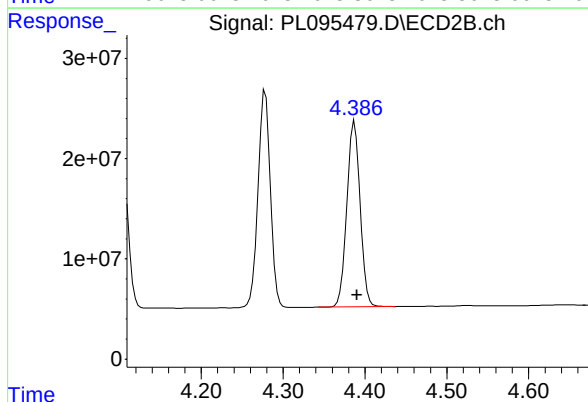
#5 Aldrin

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 244348359
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

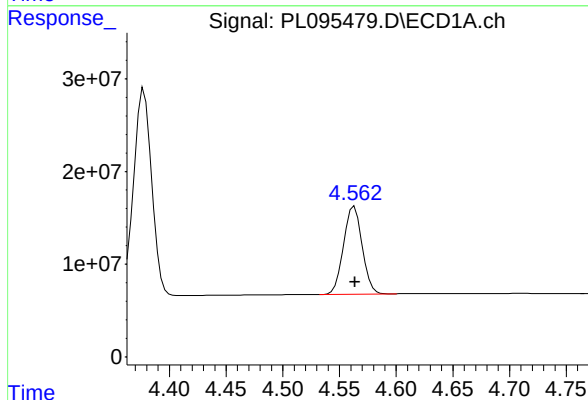
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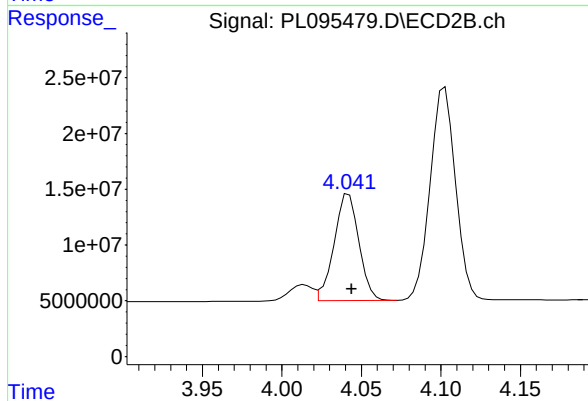
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 209499735
Conc: 50.90 ng/ml



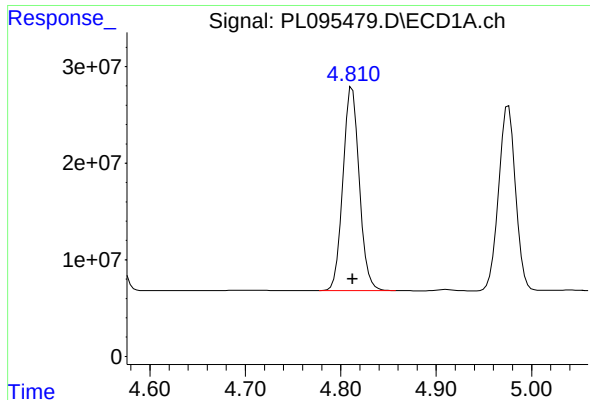
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 108231856
Conc: 52.35 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 103959802
Conc: 50.08 ng/ml



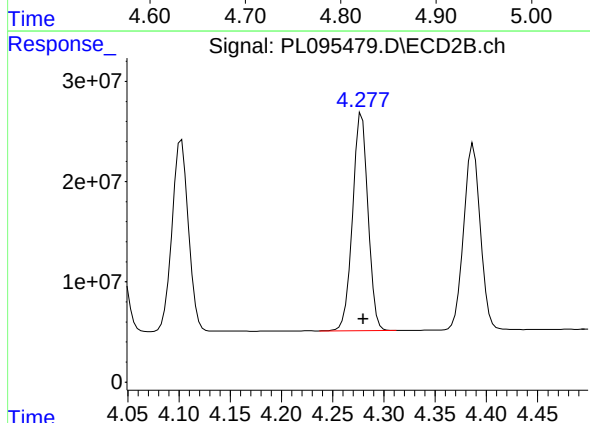
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 251364449
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

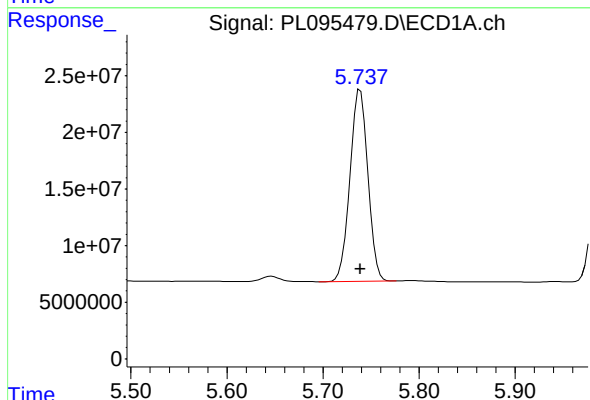
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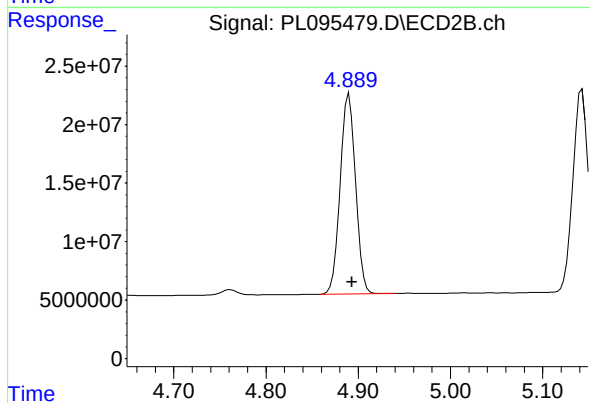
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: -0.001 min
Response: 227049441
Conc: 51.81 ng/ml



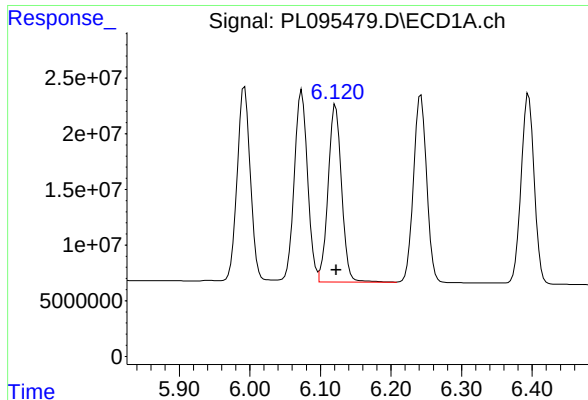
#8 Heptachlor epoxide

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 218956396
Conc: 54.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 197807284
Conc: 51.21 ng/ml



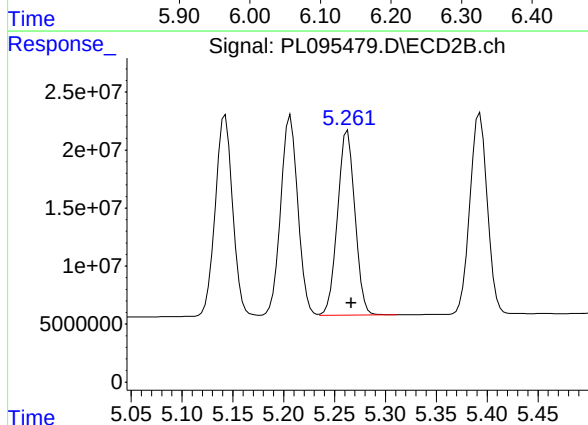
#9 Endosulfan I

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 212390097
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

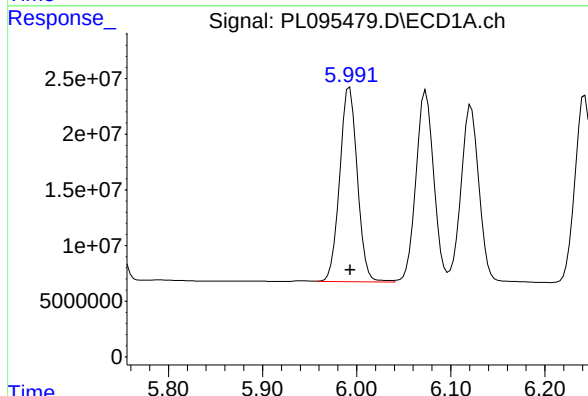
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Supervised By :mohammad ahmed 05/02/2025



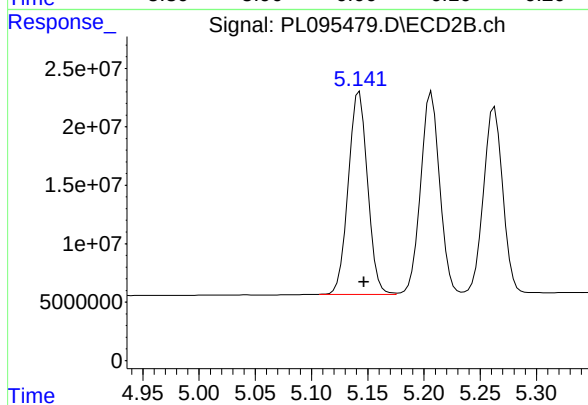
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 189252625
Conc: 51.70 ng/ml



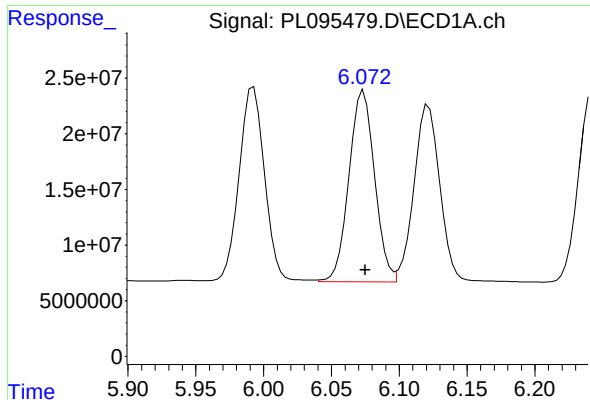
#10 gamma-Chlordane

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 228130375
Conc: 55.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.005 min
Response: 206826397
Conc: 51.03 ng/ml m



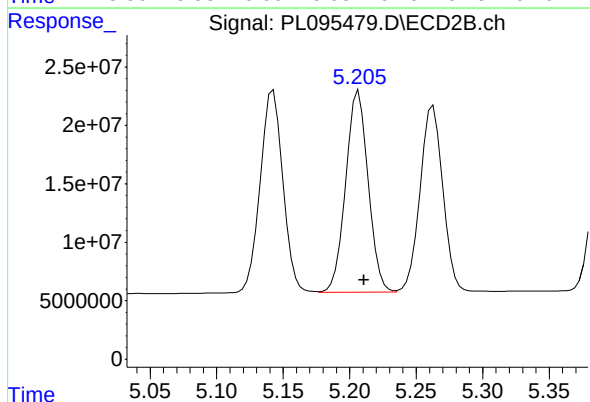
#11 alpha-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 225570862
Conc: 55.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

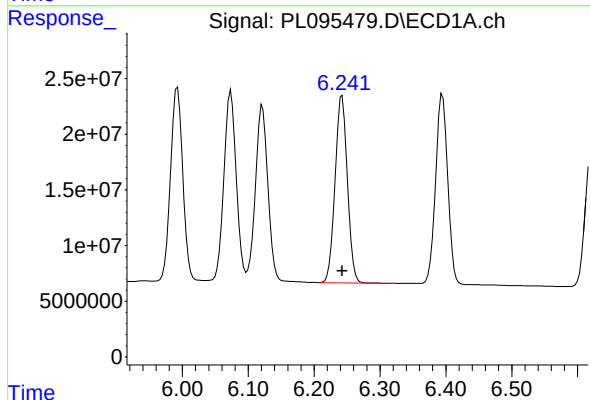
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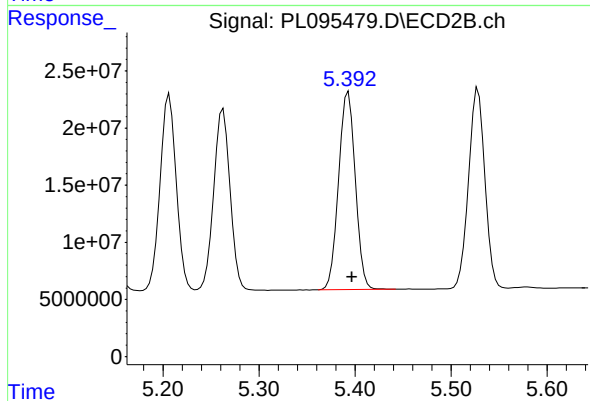
#11 alpha-Chlordane

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 202777492
Conc: 50.94 ng/ml



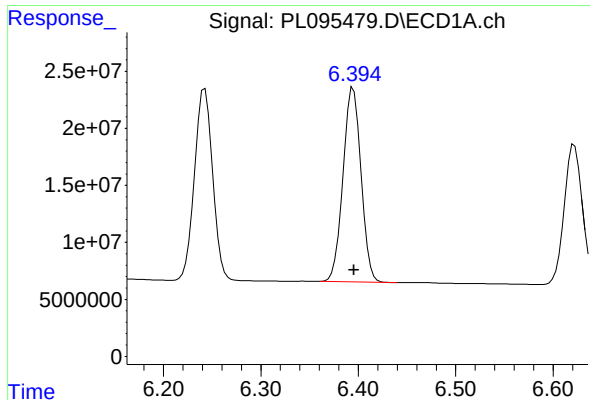
#12 4,4'-DDE

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 219384805
Conc: 55.96 ng/ml



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 206325893
Conc: 50.73 ng/ml



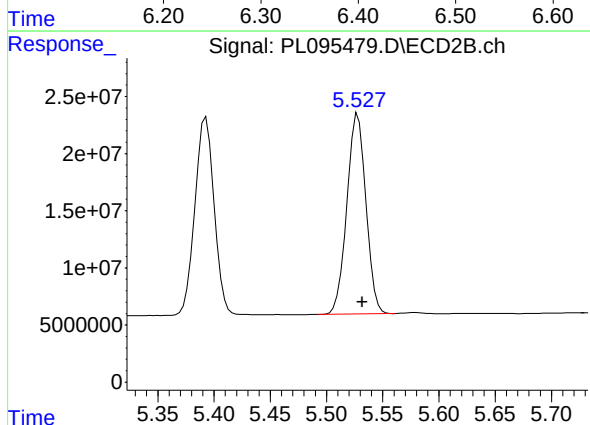
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 218247652
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

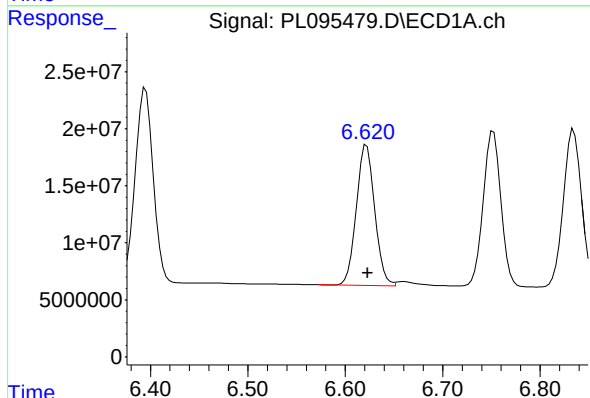
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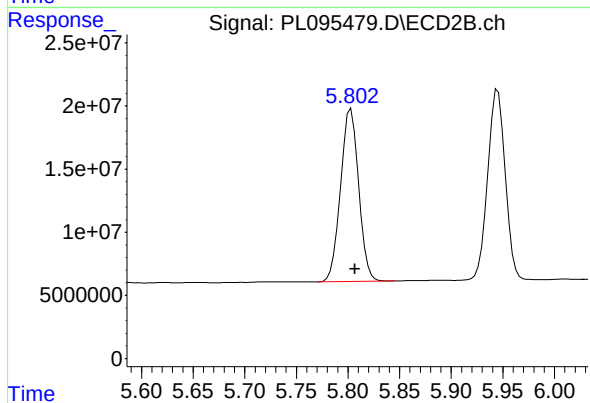
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 206805719
Conc: 50.85 ng/ml



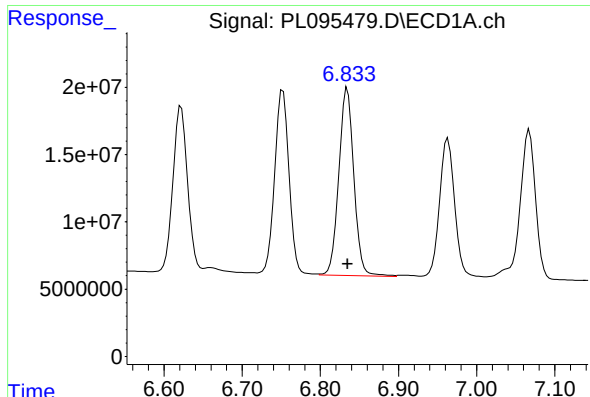
#14 Endrin

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 161697250
Conc: 50.77 ng/ml



#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 166538494
Conc: 45.74 ng/ml



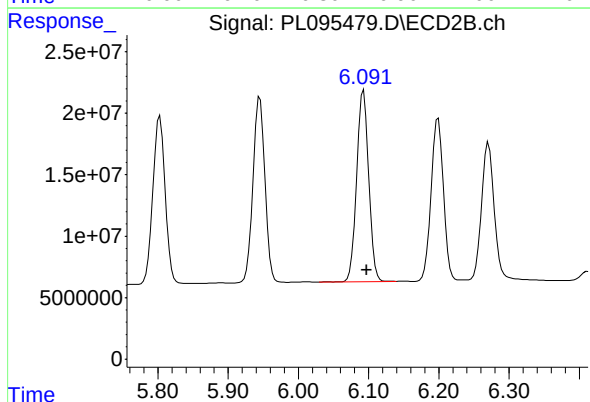
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 186432289
Conc: 58.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

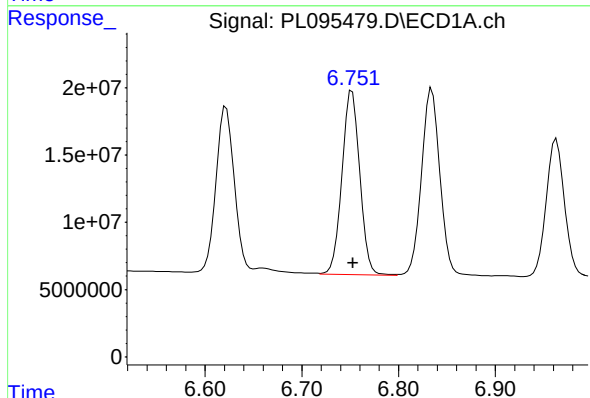
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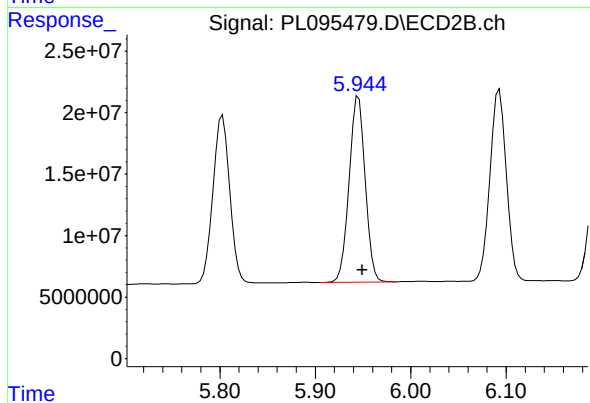
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 186382899
Conc: 51.90 ng/ml



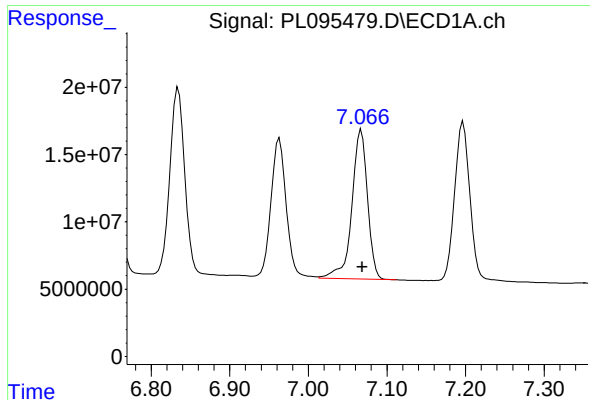
#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 174823029
Conc: 61.75 ng/ml



#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 178402389
Conc: 54.61 ng/ml



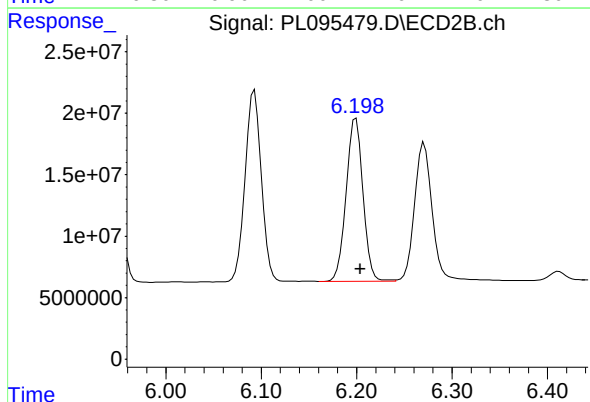
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 153432558
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

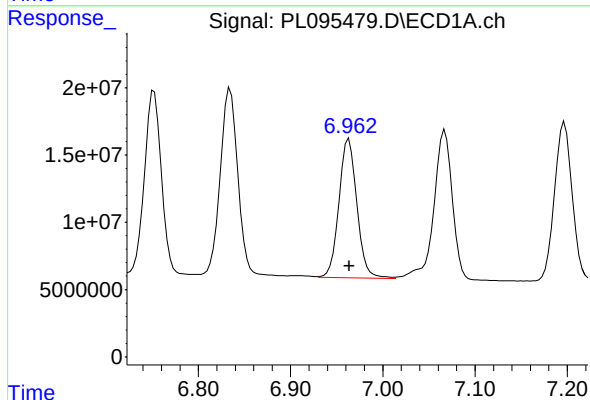
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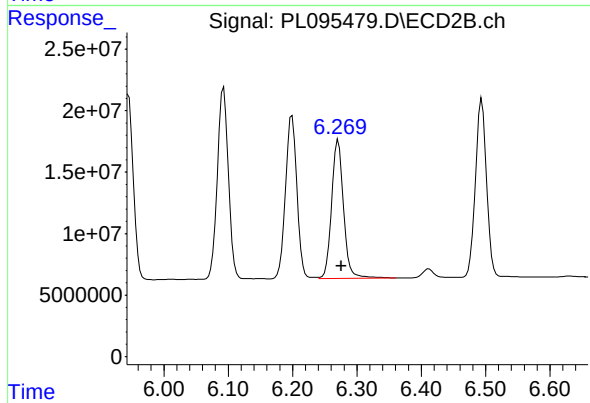
#17 4,4'-DDT

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 163016818
Conc: 47.44 ng/ml



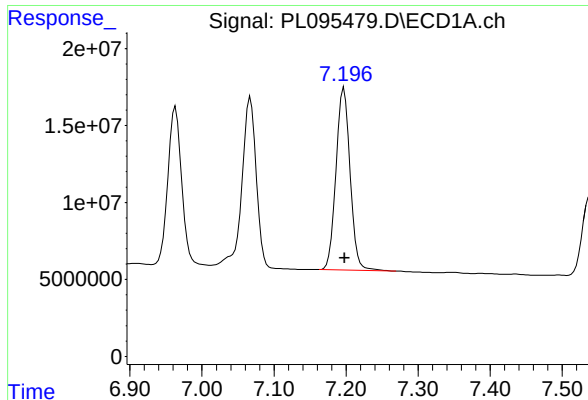
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 139732342
Conc: 60.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 144502098
Conc: 55.30 ng/ml



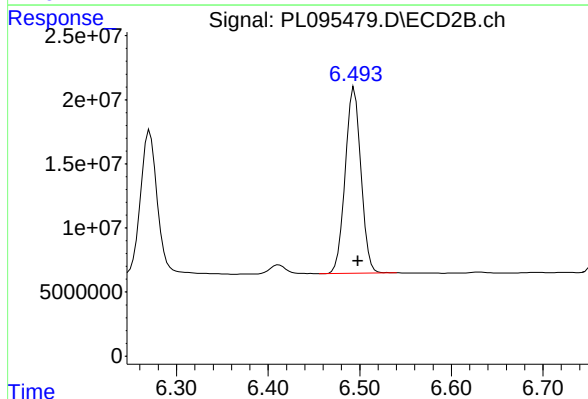
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 159824742
Conc: 57.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

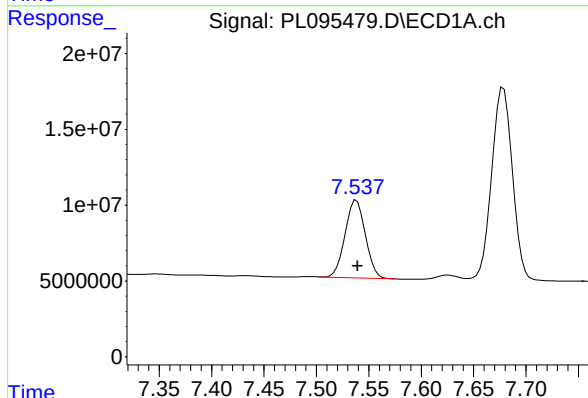
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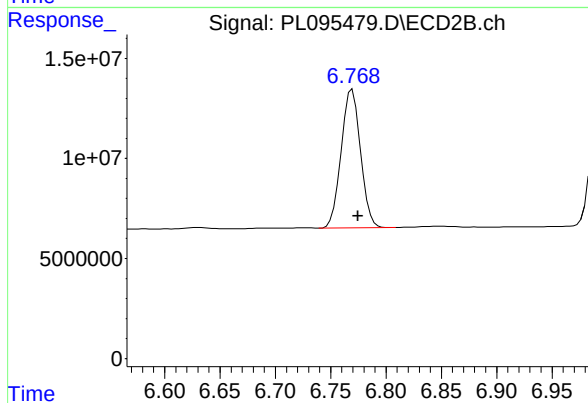
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 173479421
Conc: 52.29 ng/ml



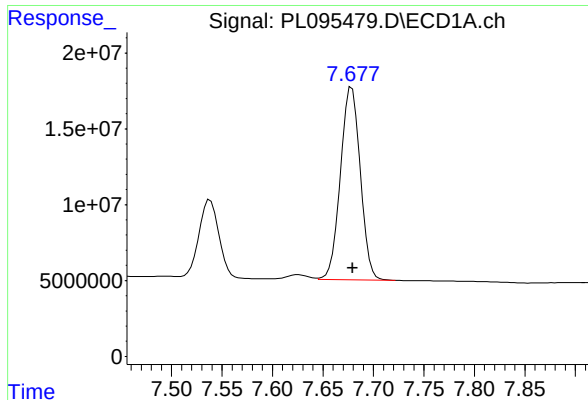
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 69217831
Conc: 49.61 ng/ml



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 84298442
Conc: 44.19 ng/ml



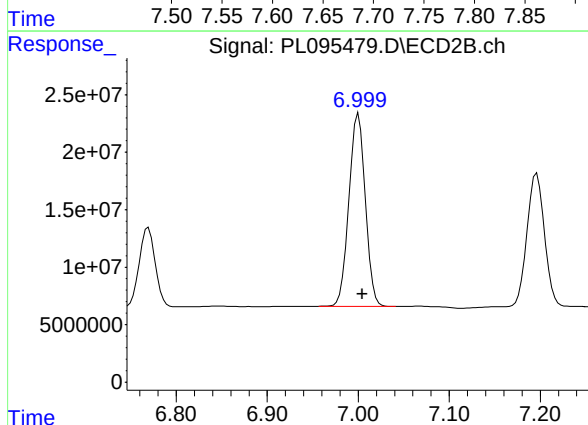
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 174232239
Conc: 61.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

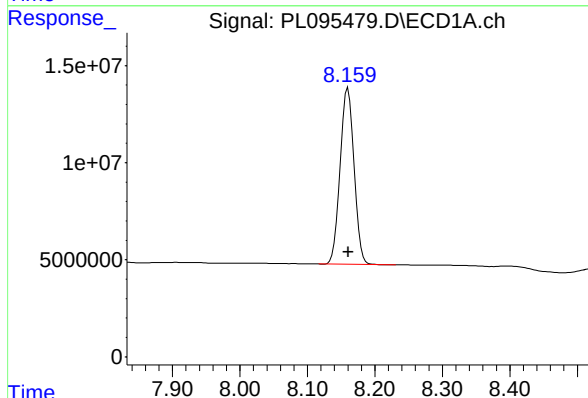
Manual Integrations
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Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



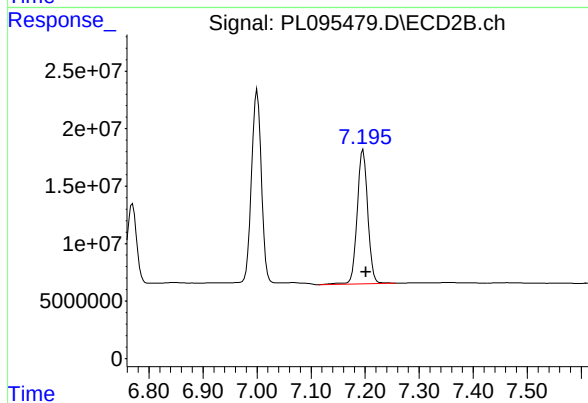
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.004 min
Response: 211039986
Conc: 59.93 ng/ml



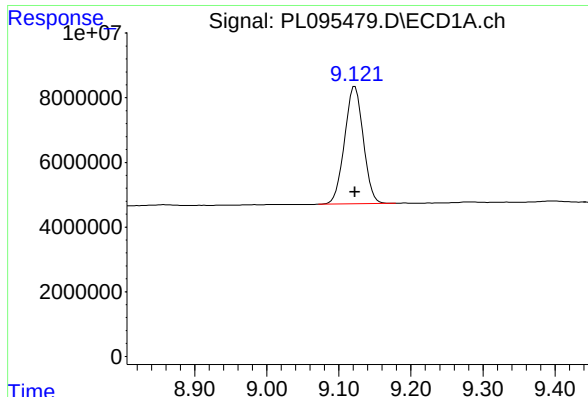
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 131141665
Conc: 55.19 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.005 min
Response: 159208753
Conc: 55.23 ng/ml



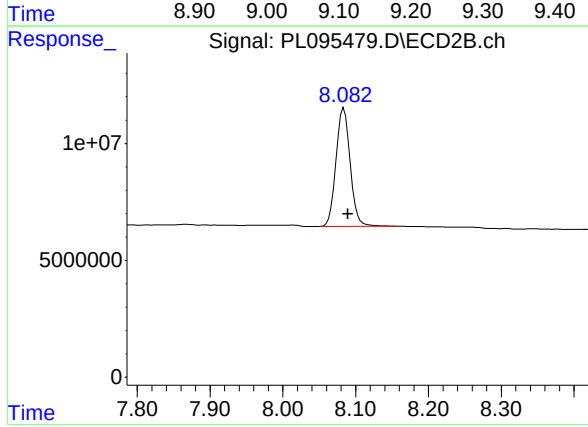
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 65263678
Conc: 23.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.006 min
Response: 68857435
Conc: 23.27 ng/ml