

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051425\
 Data File : PL095667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 16:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:10:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.592	2.905	202.5E6	215.2E6	49.558	45.949
28) SA Decachlor...	9.112	8.080	168.3E6	189.9E6	49.602	46.031
Target Compounds						
2) A alpha-BHC	4.042	3.415	298.8E6	333.7E6	51.075	46.663
3) MA gamma-BHC...	4.373	3.748	282.1E6	313.3E6	50.674	46.395
4) MA Heptachlor	4.970	4.101	270.5E6	290.6E6	49.666	44.547
5) MB Aldrin	5.312	4.386	292.9E6	293.0E6	51.000	45.935
6) B beta-BHC	4.559	4.042	121.4E6	135.1E6	49.586	44.777
7) B delta-BHC	4.807	4.277	272.2E6	314.6E6	50.094	46.215
8) B Heptachlo...	5.733	4.889	256.0E6	265.9E6	49.410	46.007
9) A Endosulfan I	6.116	5.261	252.2E6	247.4E6	51.524	47.829
10) B gamma-Chl...	5.987	5.141	272.3E6	274.0E6	50.846	45.998
11) B alpha-Chl...	6.068	5.205	268.1E6	268.2E6	51.574	45.446
12) B 4,4'-DDE	6.237	5.390	268.2E6	276.6E6	52.397	46.350m
13) MA Dieldrin	6.389	5.526	253.8E6	286.5E6	51.499	46.572
14) MA Endrin	6.617	5.801	185.1E6	234.1E6	48.324	43.949
15) B Endosulfa...	6.828	6.091	209.8E6	249.7E6	50.330	45.592
16) A 4,4'-DDD	6.746	5.943	199.5E6	245.3E6	51.346	47.700
17) MA 4,4'-DDT	7.061	6.197	178.5E6	221.3E6	49.612	44.087
18) B Endrin al...	6.957	6.270	150.4E6	180.0E6	51.230	47.016
19) B Endosulfa...	7.190	6.493	188.8E6	227.5E6	51.438	45.768
20) A Methoxychlor	7.532	6.767	80986407	116.1E6	48.034	42.907
21) B Endrin ke...	7.672	6.999	196.0E6	278.8E6	52.323	47.435
22) Mirex	8.154	7.194	153.3E6	195.6E6	50.356	45.368

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051425\
Data File : PL095667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 16:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

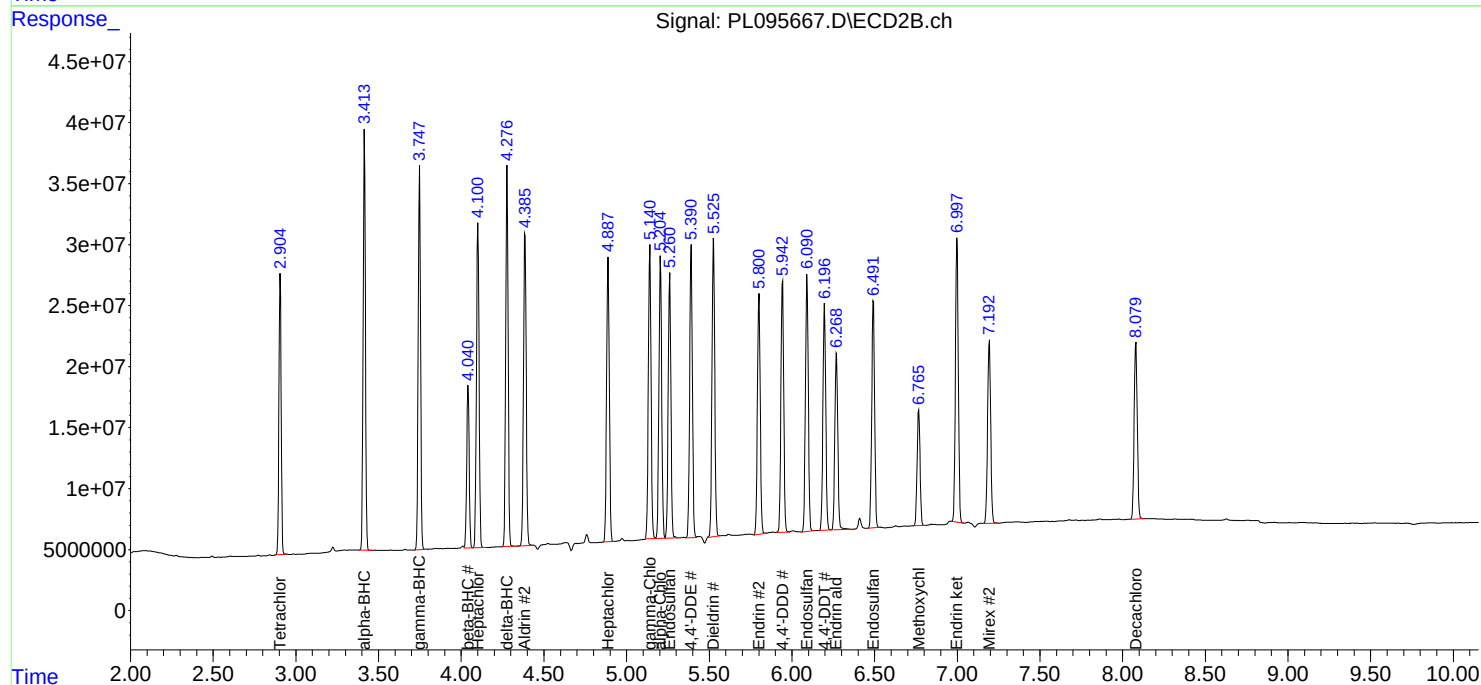
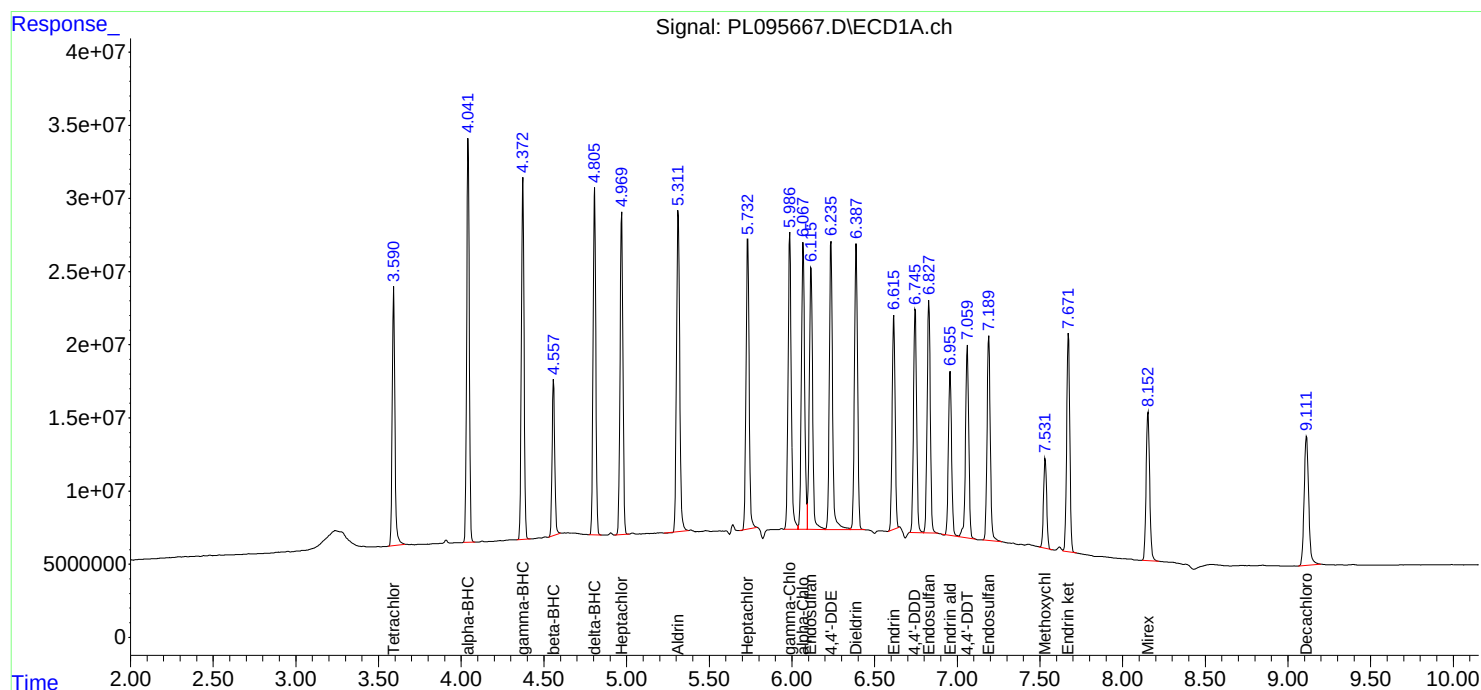
APPROVED

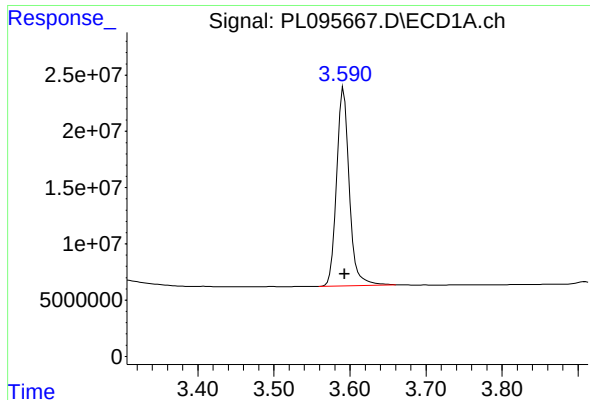
Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:10:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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





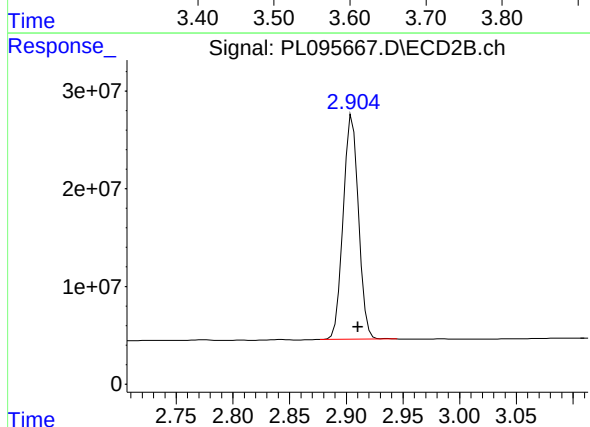
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 202492352
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

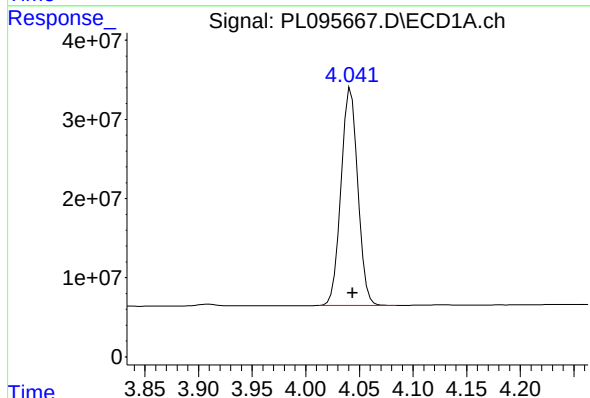
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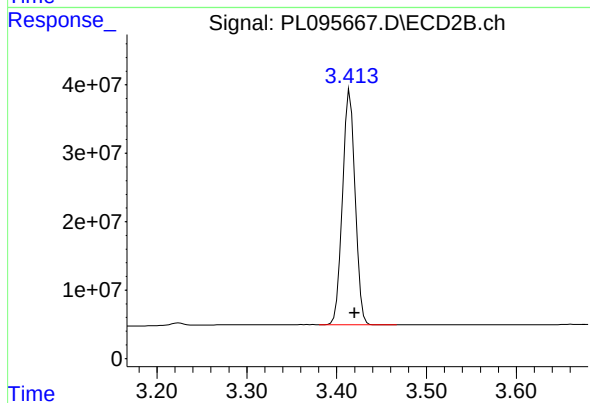
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.005 min
Response: 215226479
Conc: 45.95 ng/ml



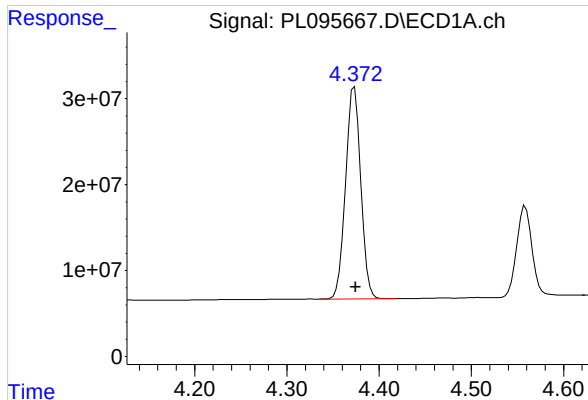
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 298844892
Conc: 51.07 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: -0.005 min
Response: 333707137
Conc: 46.66 ng/ml



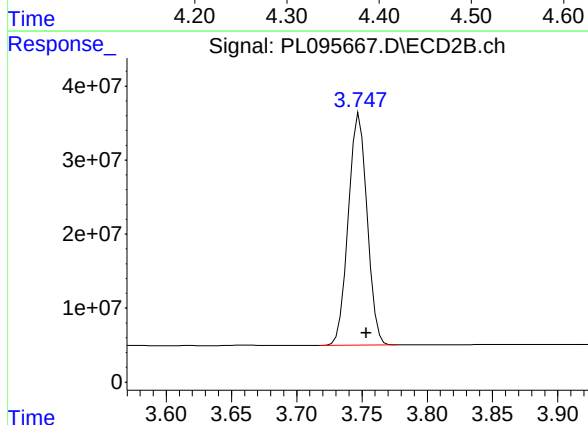
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.001 min
Response: 282052952
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

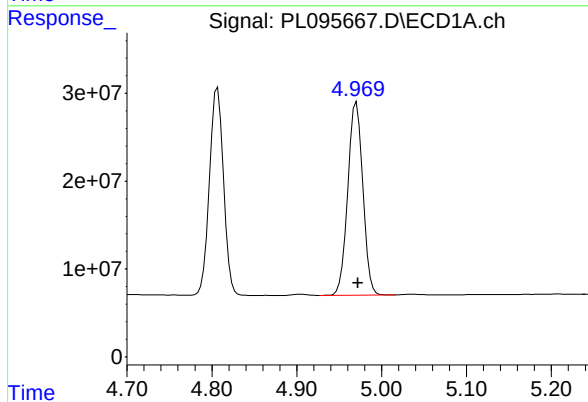
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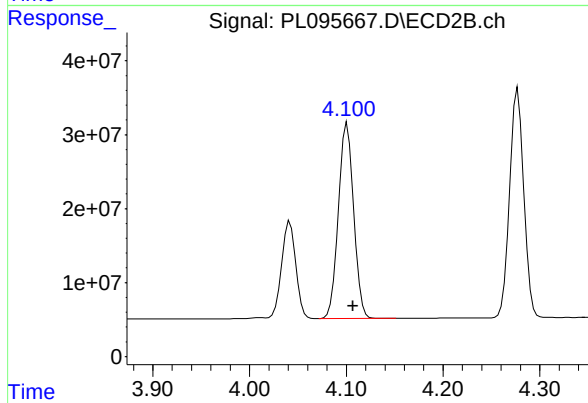
#3 gamma-BHC (Lindane)

R.T.: 3.748 min
Delta R.T.: -0.005 min
Response: 313286162
Conc: 46.39 ng/ml



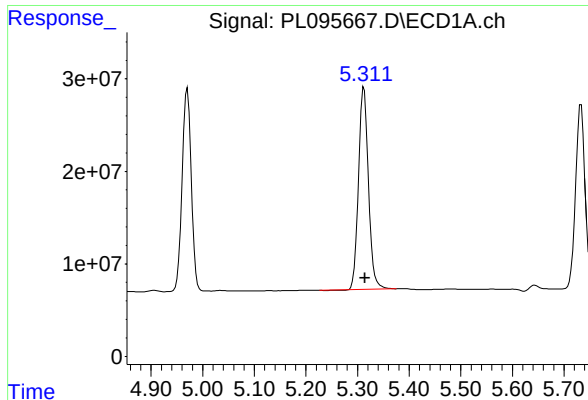
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 270474793
Conc: 49.67 ng/ml



#4 Heptachlor

R.T.: 4.101 min
Delta R.T.: -0.006 min
Response: 290601563
Conc: 44.55 ng/ml



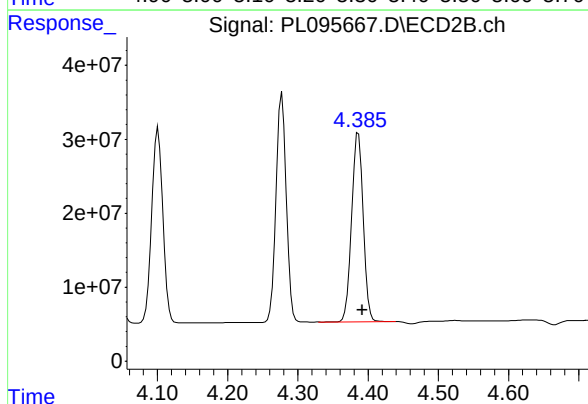
#5 Aldrin

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 292926910
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

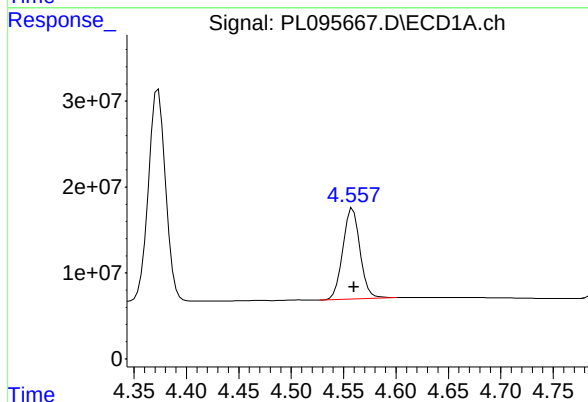
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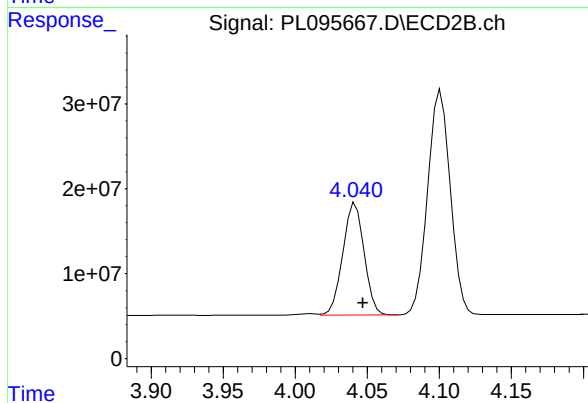
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: -0.006 min
Response: 292972953
Conc: 45.94 ng/ml



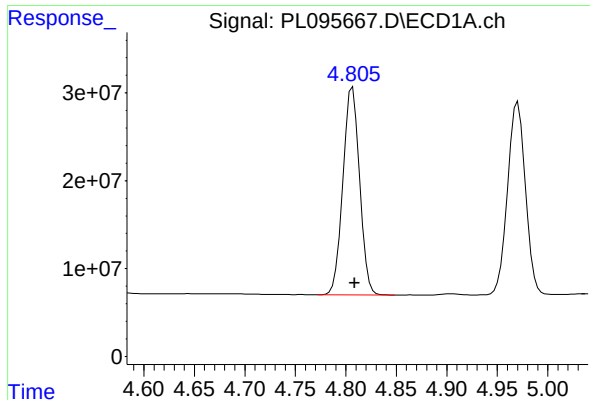
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 121440151
Conc: 49.59 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 135094220
Conc: 44.78 ng/ml



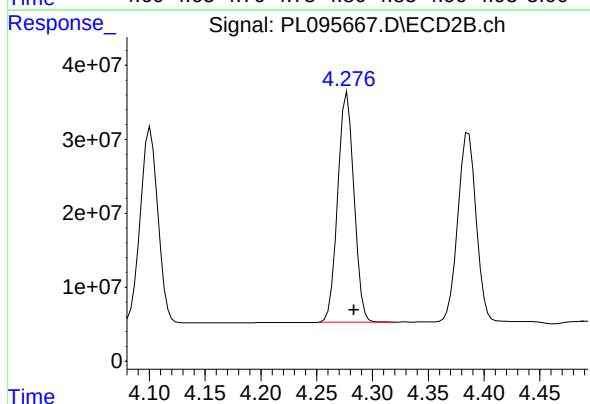
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 272150446
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

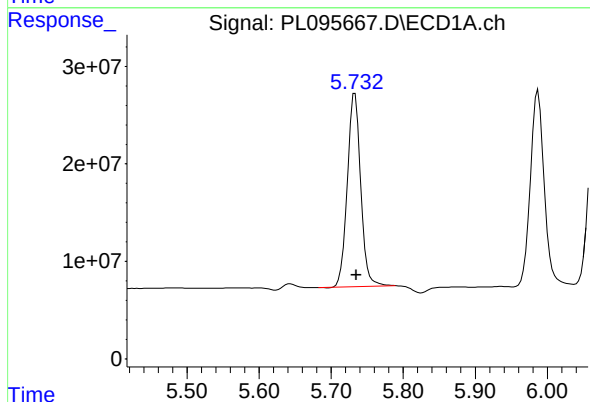
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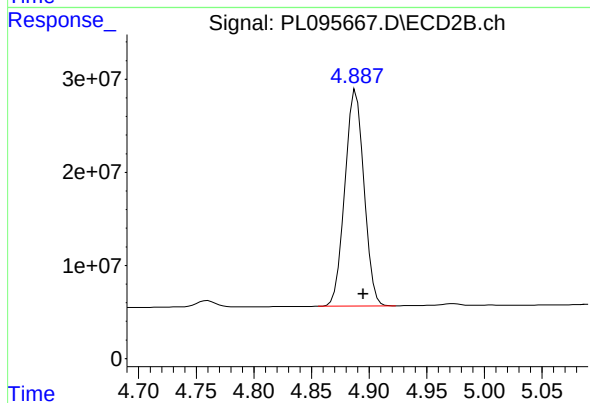
#7 delta-BHC

R.T.: 4.277 min
Delta R.T.: -0.006 min
Response: 314573671
Conc: 46.21 ng/ml



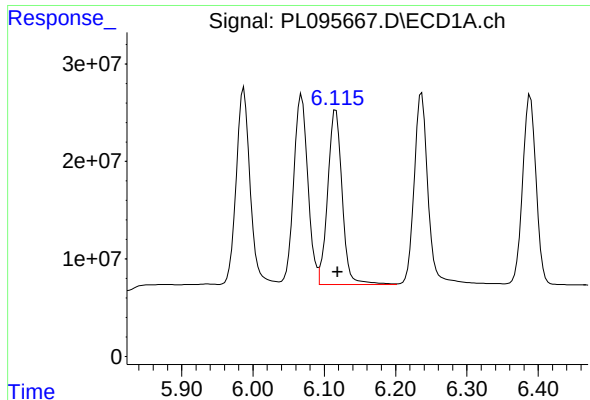
#8 Heptachlor epoxide

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 256041910
Conc: 49.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 265892713
Conc: 46.01 ng/ml



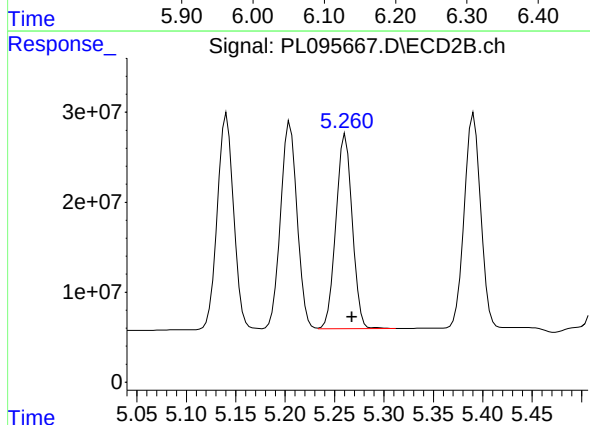
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 252235812
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

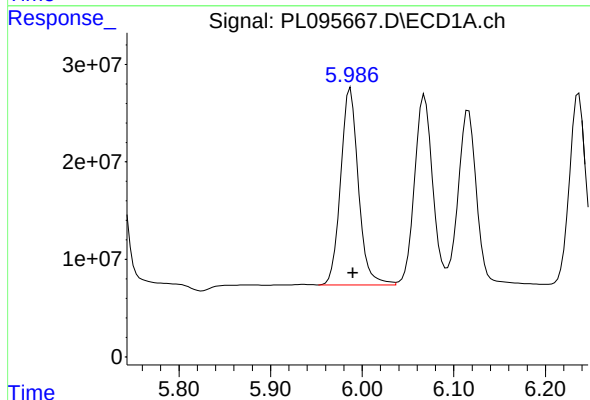
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Supervised By :mohammad ahmed 05/16/2025



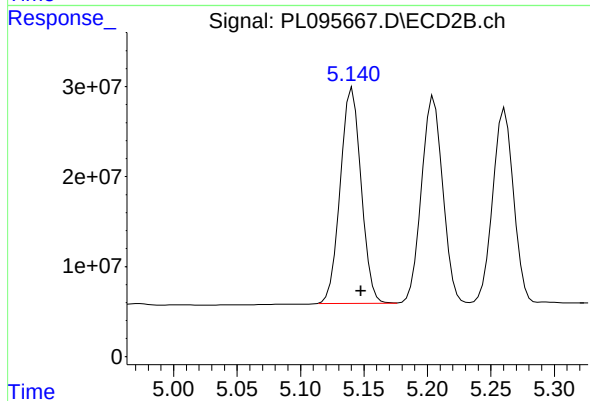
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.007 min
Response: 247370010
Conc: 47.83 ng/ml



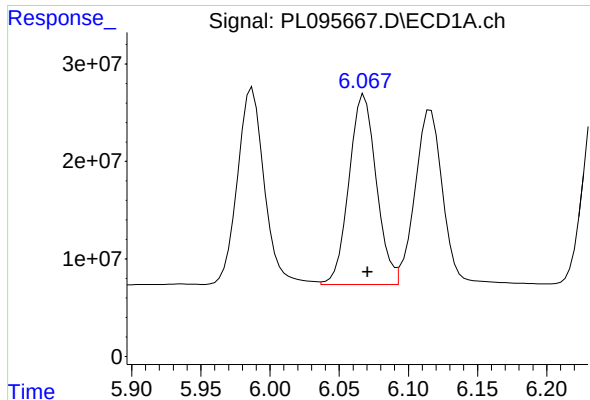
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 272291525
Conc: 50.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.007 min
Response: 273977375
Conc: 46.00 ng/ml



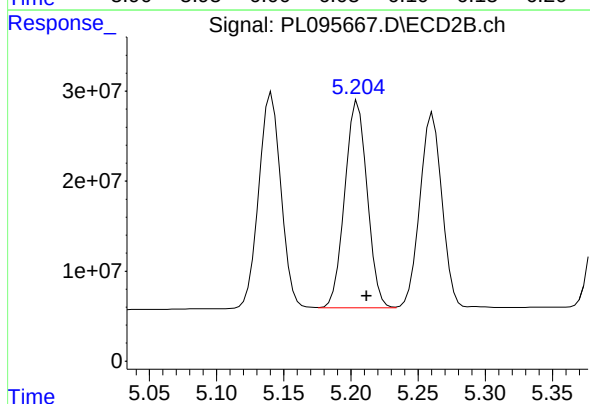
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 268069706
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

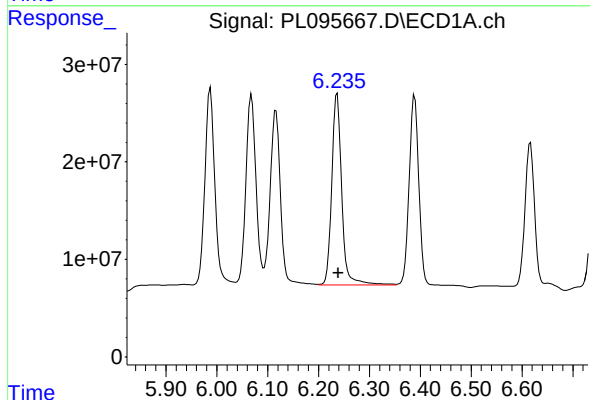
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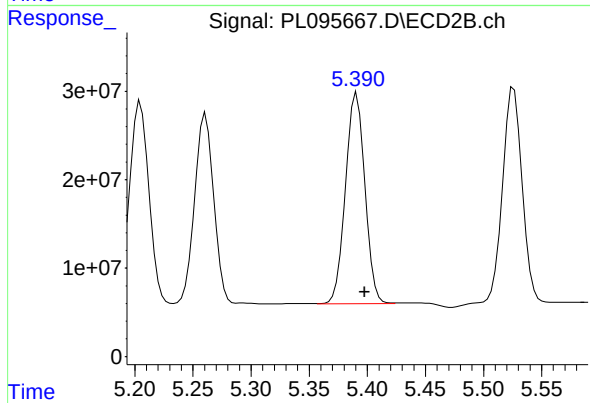
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.007 min
Response: 268232045
Conc: 45.45 ng/ml



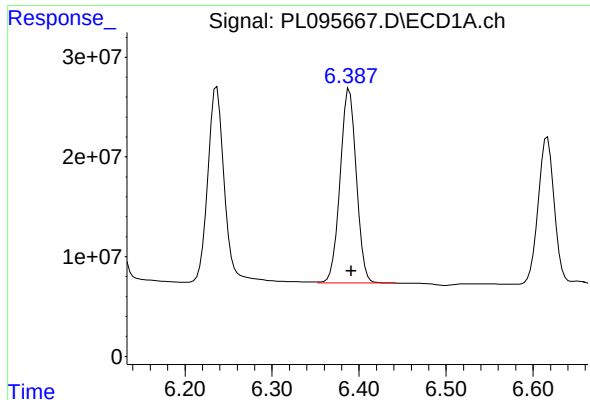
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 268213130
Conc: 52.40 ng/ml



#12 4,4'-DDE

R.T.: 5.390 min
Delta R.T.: -0.008 min
Response: 276606650
Conc: 46.35 ng/ml m



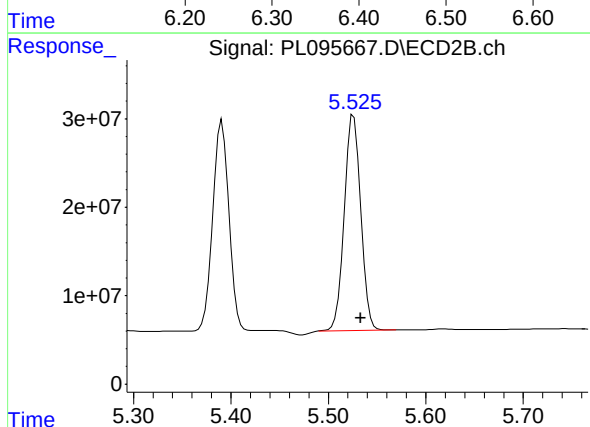
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 253792381
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

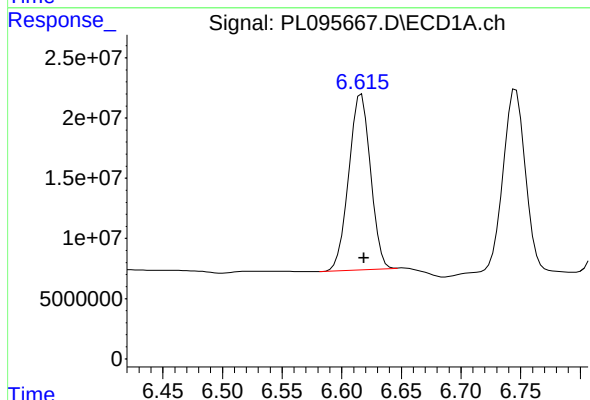
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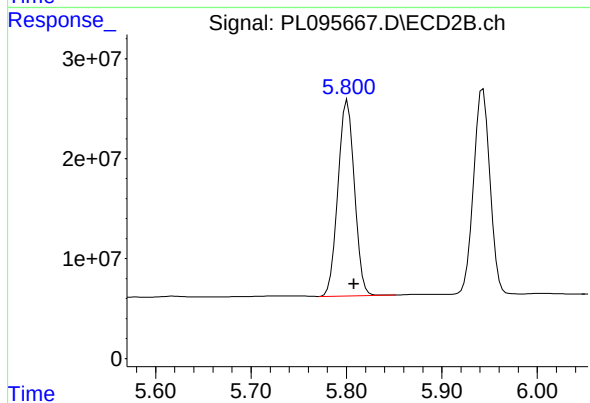
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 286544201
Conc: 46.57 ng/ml



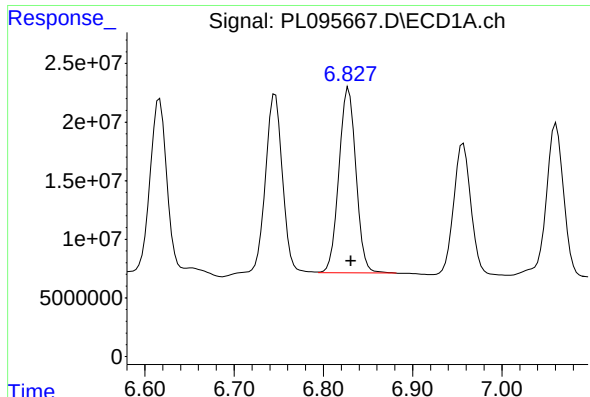
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.002 min
Response: 185107813
Conc: 48.32 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.007 min
Response: 234147839
Conc: 43.95 ng/ml



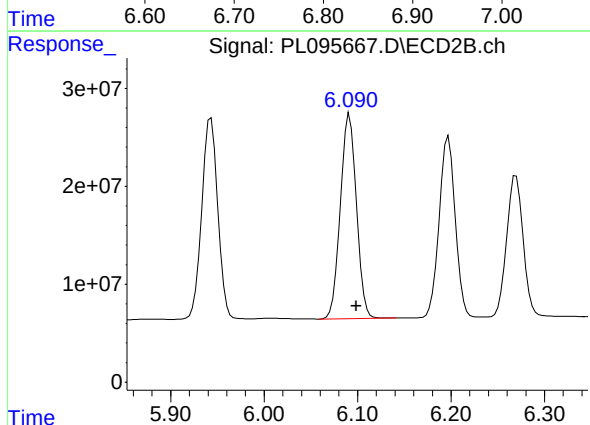
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 209777819
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

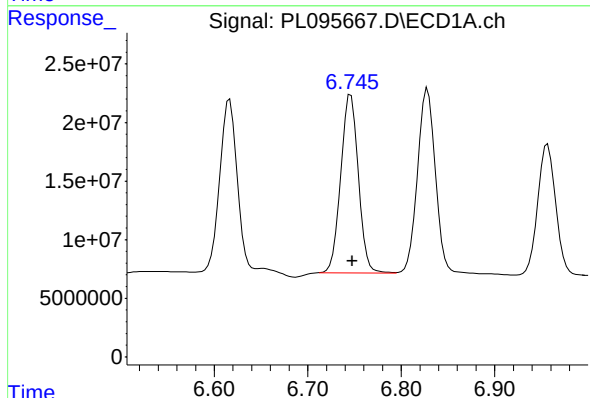
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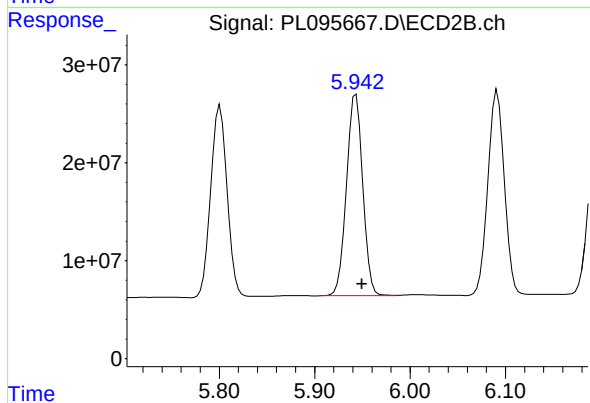
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: -0.007 min
Response: 249682340
Conc: 45.59 ng/ml



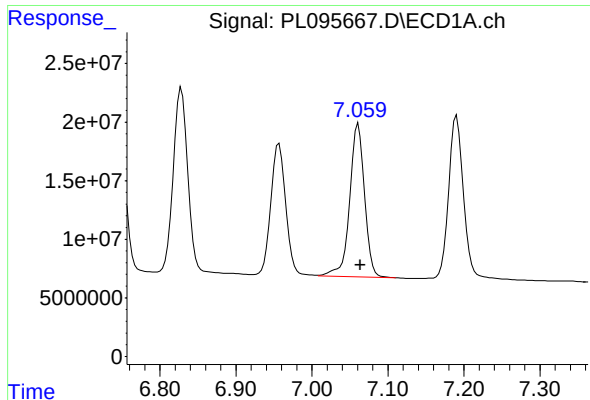
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 199510688
Conc: 51.35 ng/ml



#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 245306184
Conc: 47.70 ng/ml



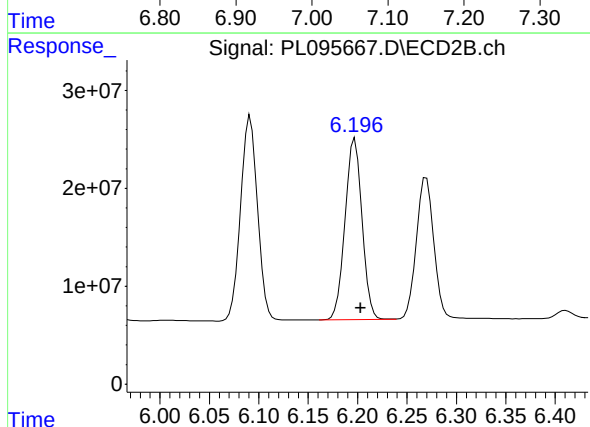
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.003 min
Response: 178494905
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

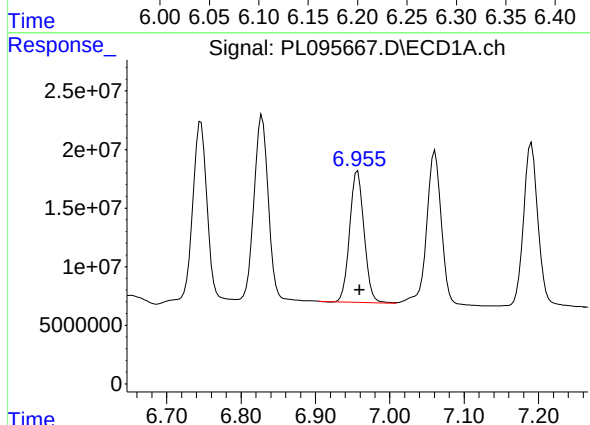
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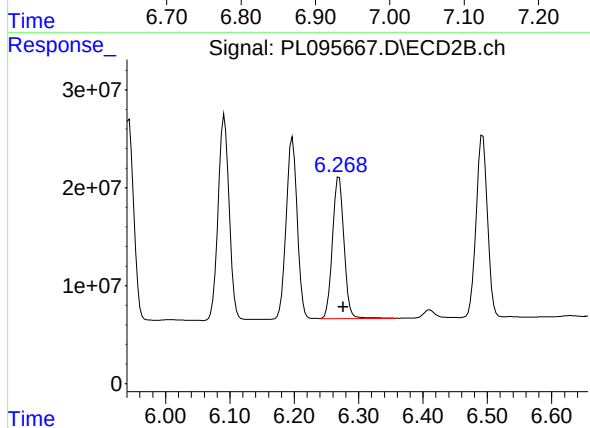
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.006 min
Response: 221263712
Conc: 44.09 ng/ml



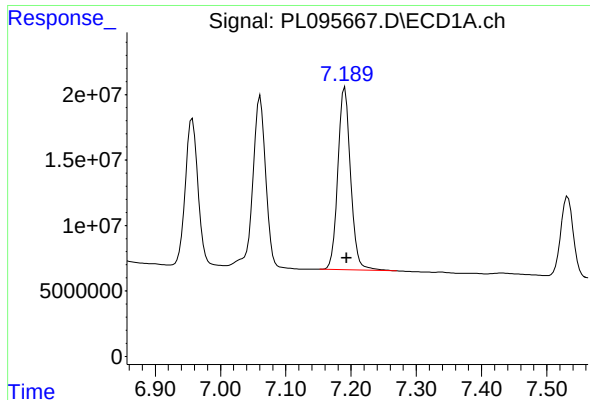
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 150405676
Conc: 51.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: -0.007 min
Response: 180014111
Conc: 47.02 ng/ml



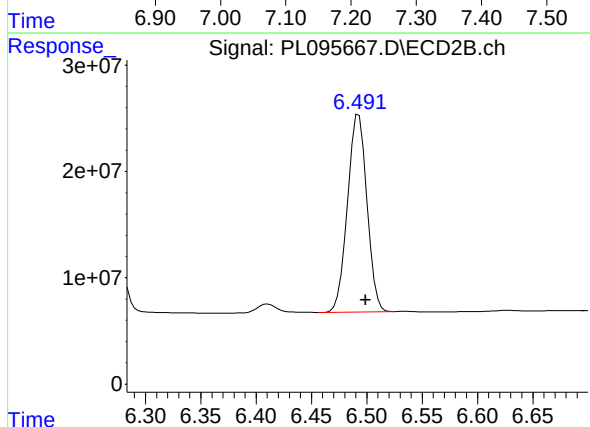
#19 Endosulfan Sulfate

R.T.: 7.190 min
Delta R.T.: -0.003 min
Response: 188795077
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

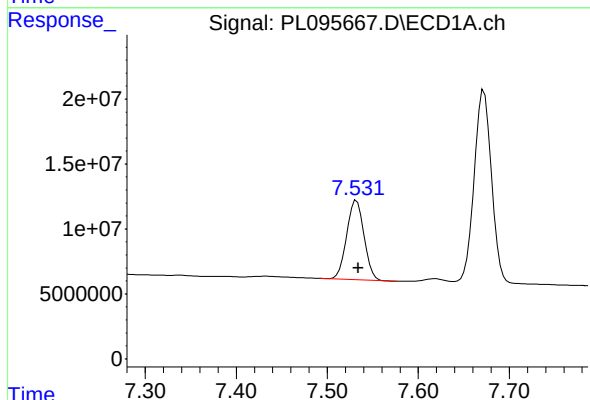
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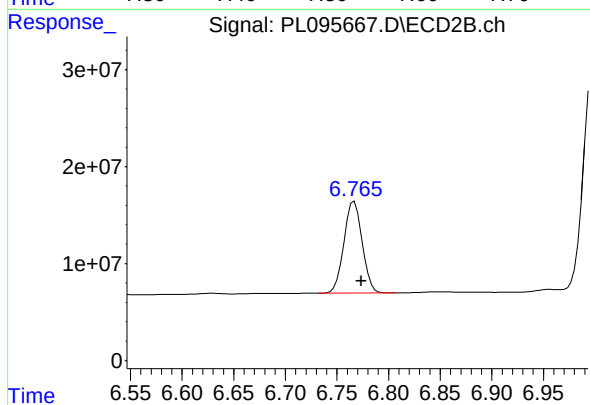
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: -0.006 min
Response: 227548270
Conc: 45.77 ng/ml



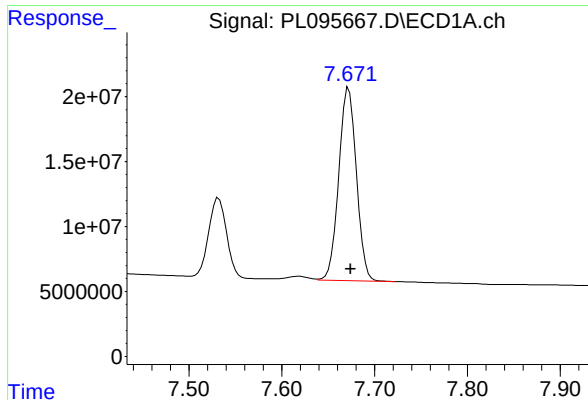
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 80986407
Conc: 48.03 ng/ml



#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 116098561
Conc: 42.91 ng/ml



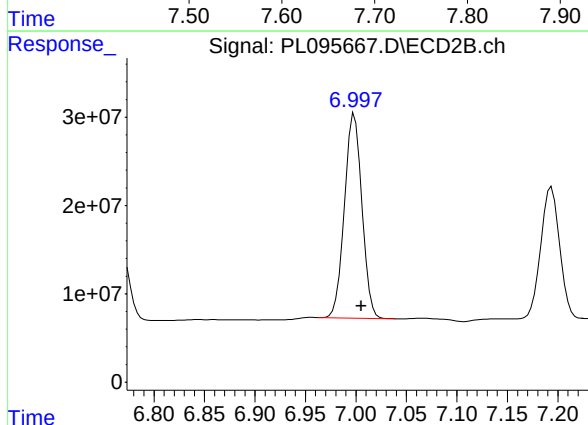
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 196017646
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

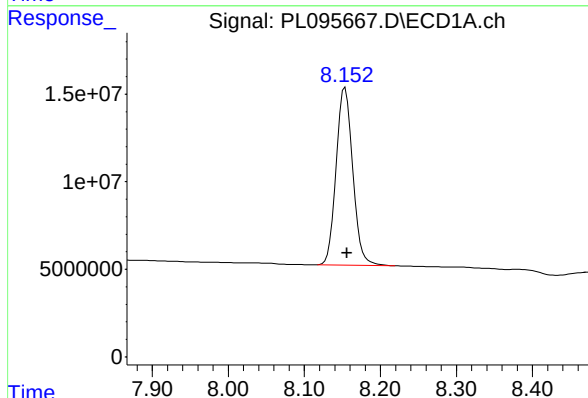
Manual Integrations
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Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



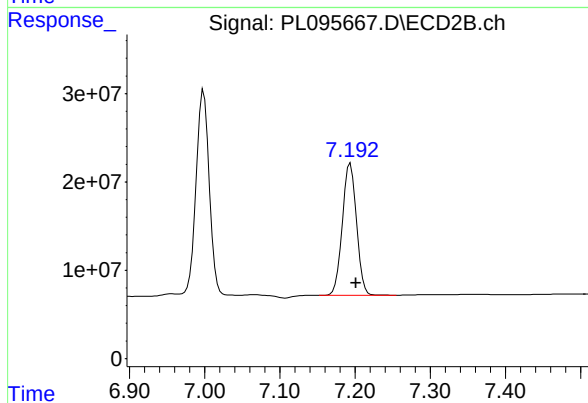
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: -0.007 min
Response: 278754444
Conc: 47.43 ng/ml



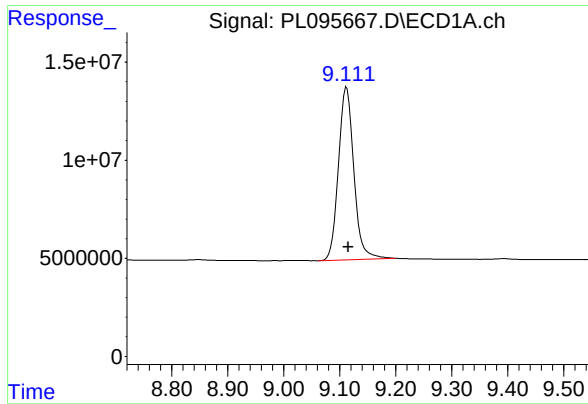
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 153315496
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: -0.007 min
Response: 195615977
Conc: 45.37 ng/ml



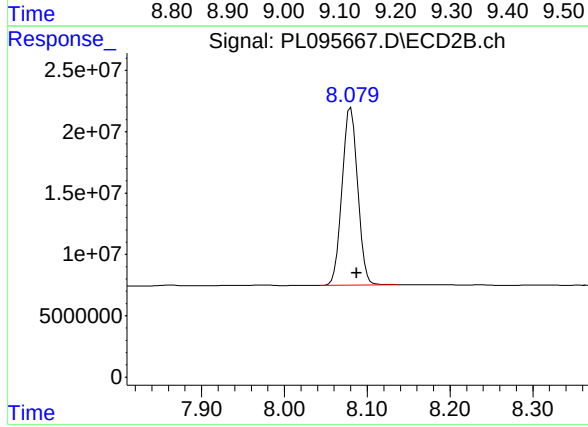
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.003 min
Response: 168270945
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



#28 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.007 min
Response: 189865611
Conc: 46.03 ng/ml