

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
 Data File : PL095520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 16:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:33:01 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...	3.594	2.909	147.5E6	170.7E6	45.193	53.689
28)	SA Decachlor...	9.118	8.088	126.7E6	140.4E6	45.720	47.453
Target Compounds							
2)	A alpha-BHC	4.045	3.419	225.2E6	261.8E6	45.470	58.844 #
3)	MA gamma-BHC...	4.376	3.752	214.8E6	248.4E6	45.365	56.479
4)	MA Heptachlor	4.974	4.106	204.9E6	237.2E6	44.790	54.435
5)	MB Aldrin	5.316	4.391	215.1E6	233.5E6	46.832	56.723
6)	B beta-BHC	4.561	4.046	93897360	112.4E6	45.415	54.132
7)	B delta-BHC	4.809	4.282	209.9E6	251.4E6	45.138m	57.375 #
8)	B Heptachlo...	5.735	4.895	189.5E6	213.8E6	47.303m	55.341
9)	A Endosulfan I	6.121	5.268	186.7E6	199.7E6	49.152	54.567
10)	B gamma-Chl...	5.991	5.147	210.2E6	221.4E6	51.534	54.633
11)	B alpha-Chl...	6.072	5.211	200.4E6	215.7E6	49.294	54.187
12)	B 4,4'-DDE	6.241	5.398	180.3E6	218.3E6	45.998	53.666
13)	MA Dieldrin	6.393	5.533	182.5E6	230.3E6	47.338	56.615
14)	MA Endrin	6.619	5.808	147.5E6	198.5E6	46.315m	54.531
15)	B Endosulfa...	6.833	6.098	166.6E6	196.5E6	52.205	54.708
16)	A 4,4'-DDD	6.751	5.950	152.2E6	188.2E6	53.766	57.613
17)	MA 4,4'-DDT	7.066	6.204	135.0E6	183.8E6	47.401	53.503
18)	B Endrin al...	6.961	6.276	113.7E6	141.4E6	48.994	54.116
19)	B Endosulfa...	7.195	6.499	136.5E6	177.4E6	48.716	53.457
20)	A Methoxychlor	7.537	6.773	63523488	97385122	45.532	51.056m
21)	B Endrin ke...	7.677	7.005	138.2E6	203.4E6	48.492	57.762
22)	Mirex	8.158	7.200	113.2E6	149.2E6	47.630	51.778m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
Data File : PL095520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 16:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

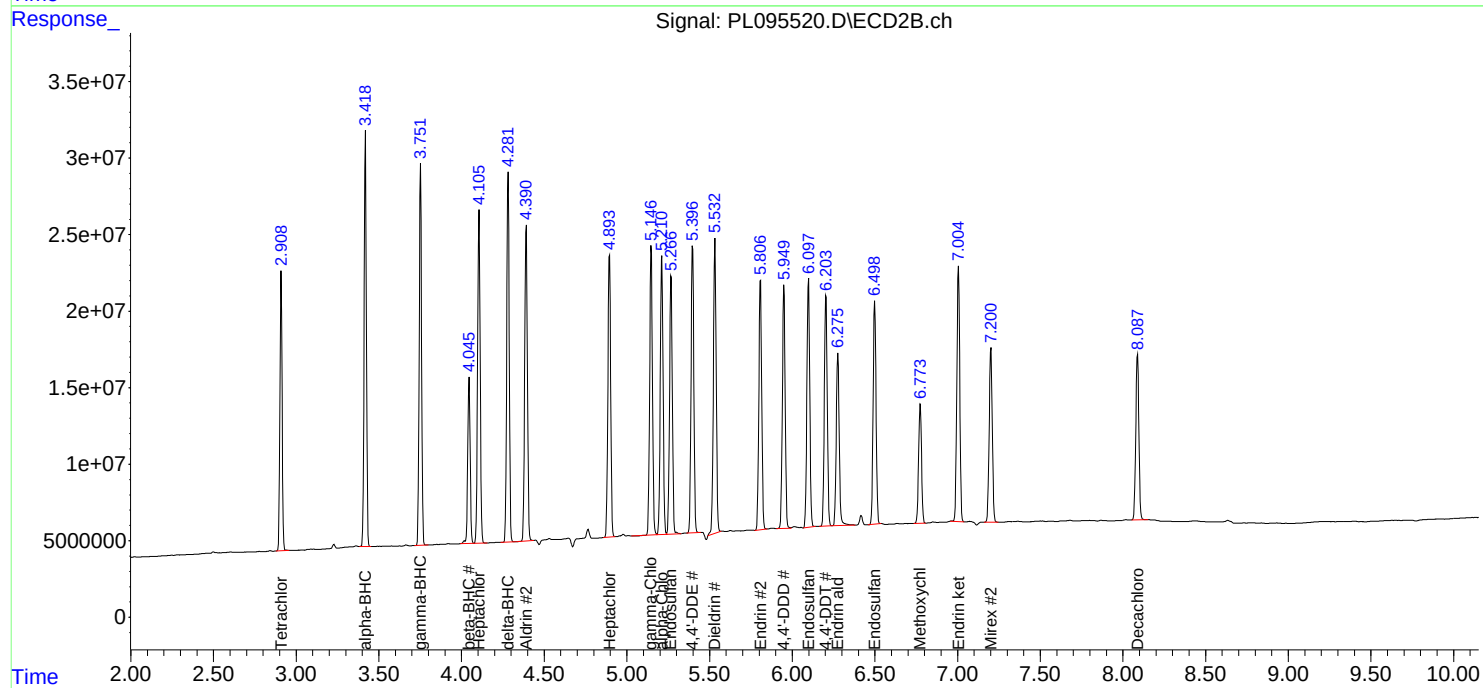
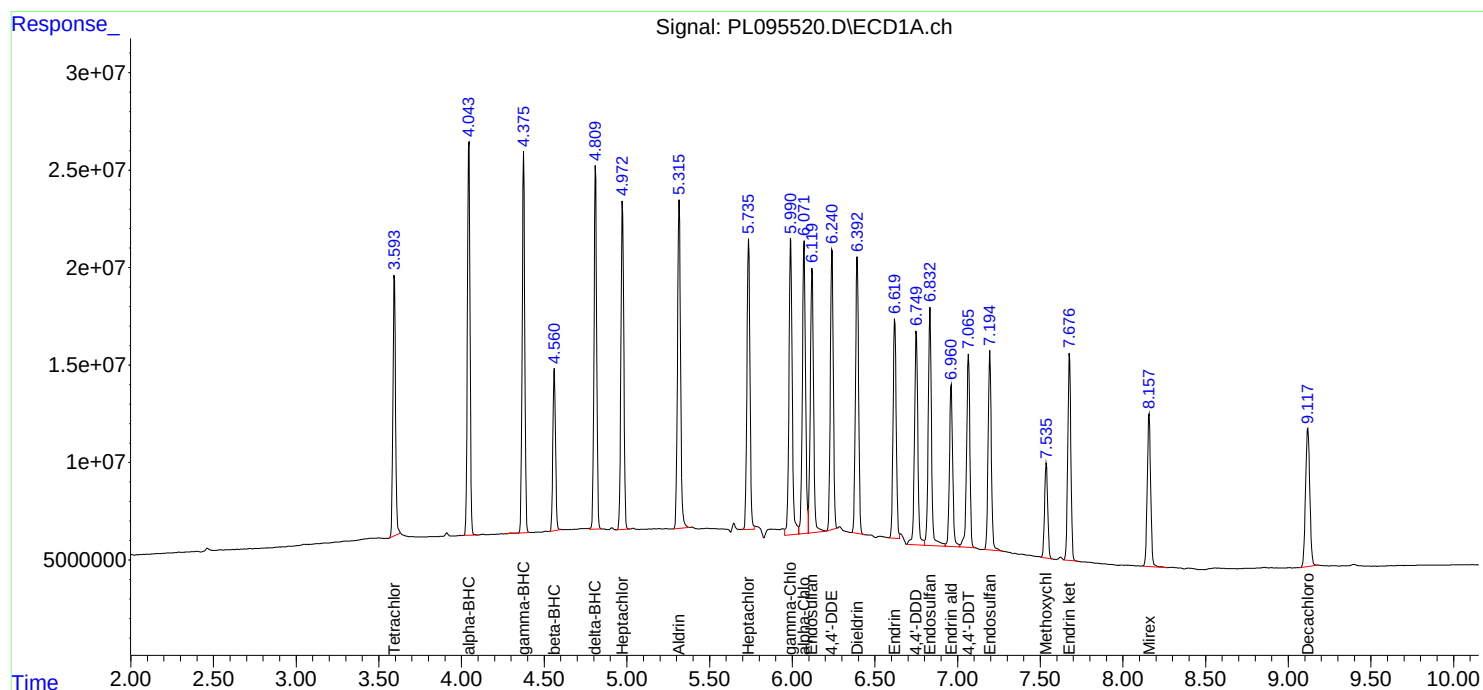
APPROVED

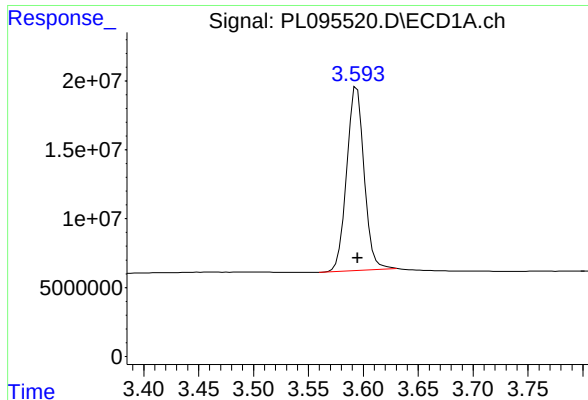
Reviewed By :Abdul Mirza 05/02/2025

Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 01:33:01 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





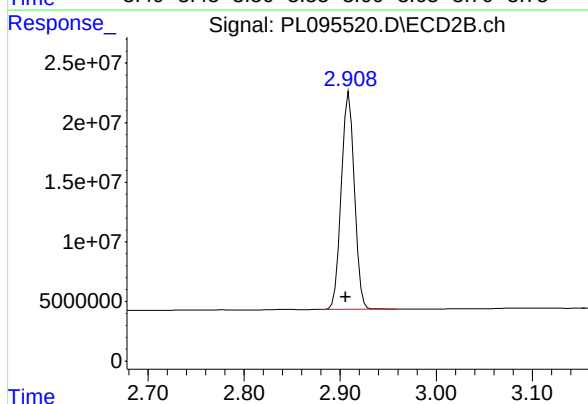
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 147539948
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

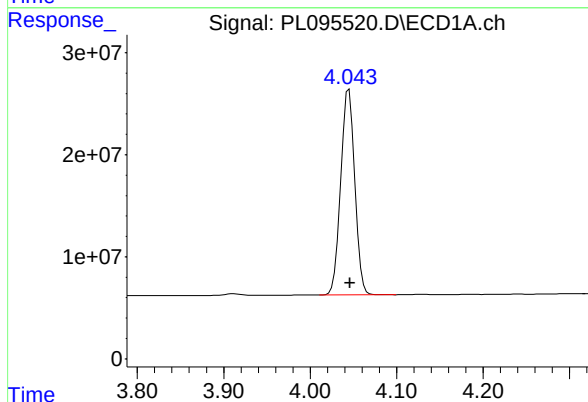
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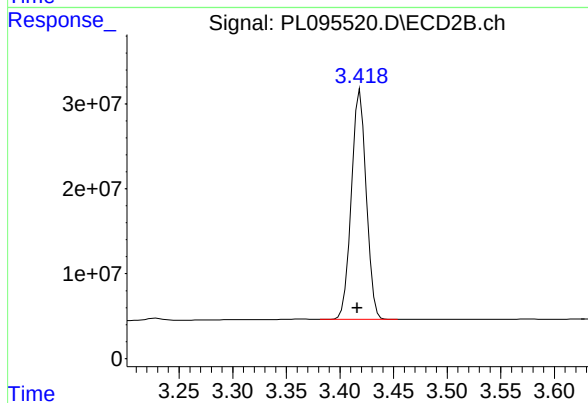
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.004 min
Response: 170718431
Conc: 53.69 ng/ml



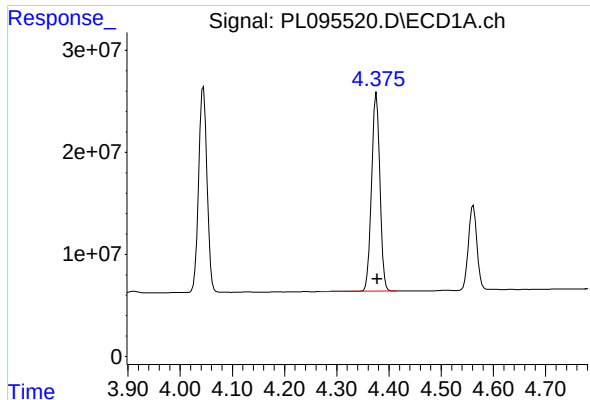
#2 alpha-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 225247430
Conc: 45.47 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 261780472
Conc: 58.84 ng/ml



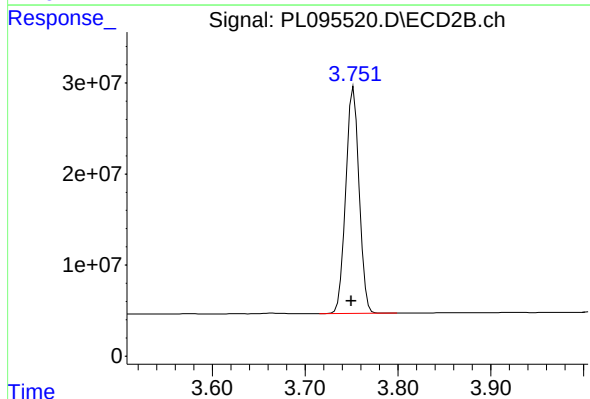
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 214754766
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

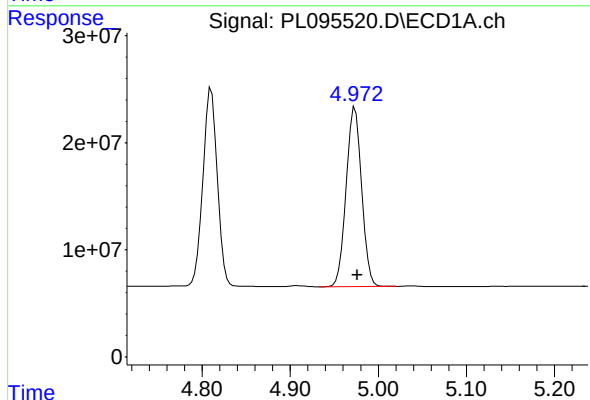
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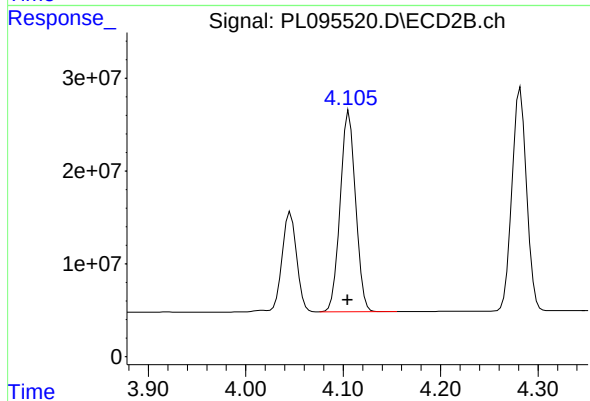
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.002 min
Response: 248408492
Conc: 56.48 ng/ml



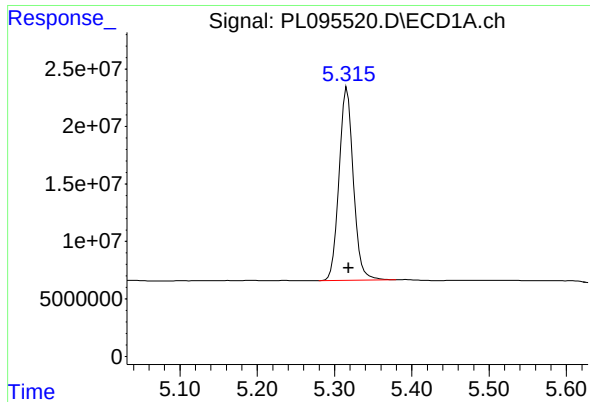
#4 Heptachlor

R.T.: 4.974 min
Delta R.T.: -0.002 min
Response: 204892296
Conc: 44.79 ng/ml



#4 Heptachlor

R.T.: 4.106 min
Delta R.T.: 0.002 min
Response: 237156798
Conc: 54.43 ng/ml



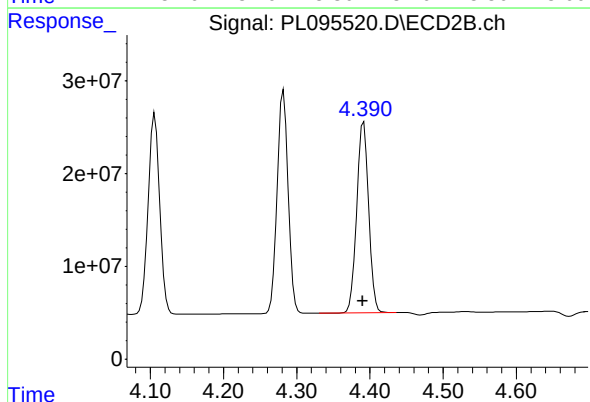
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 215100946
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

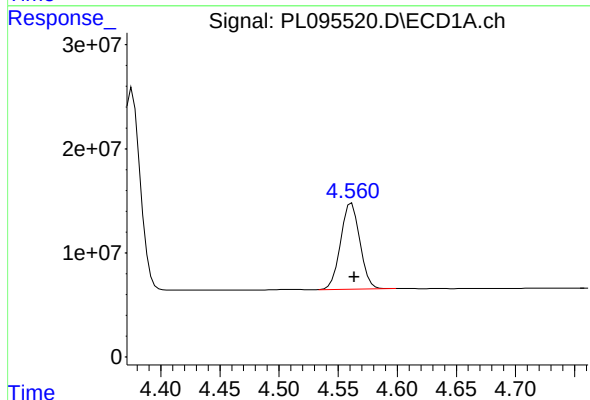
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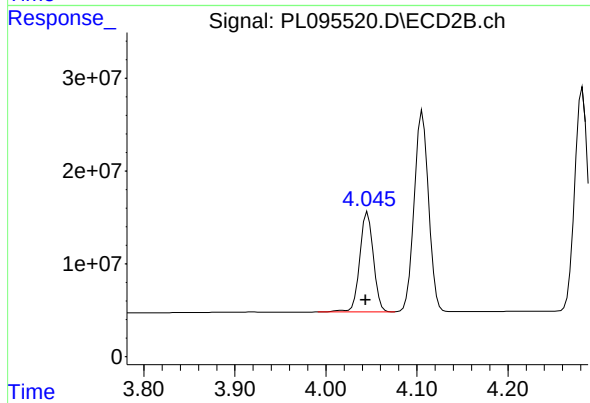
#5 Aldrin

R.T.: 4.391 min
Delta R.T.: 0.001 min
Response: 233455164
Conc: 56.72 ng/ml



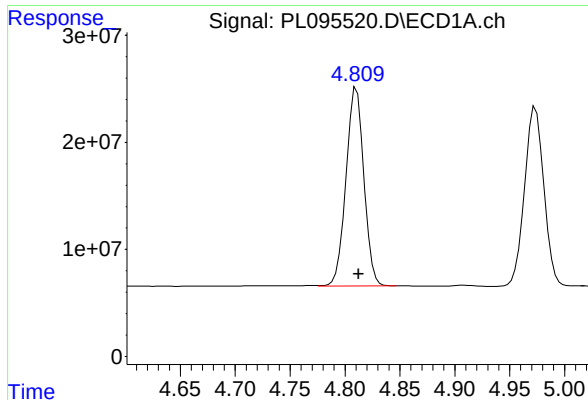
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 93897360
Conc: 45.42 ng/ml



#6 beta-BHC

R.T.: 4.046 min
Delta R.T.: 0.002 min
Response: 112371370
Conc: 54.13 ng/ml



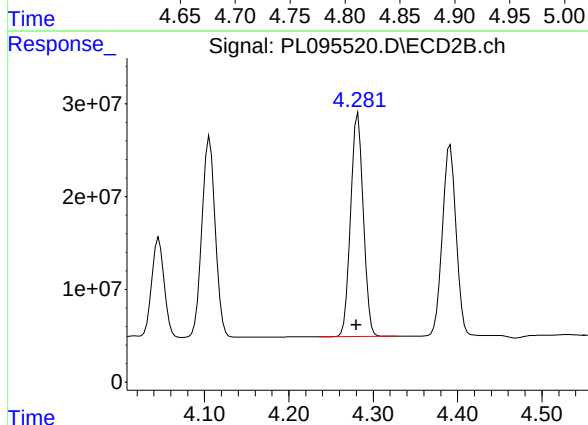
#7 delta-BHC

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 209922567
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

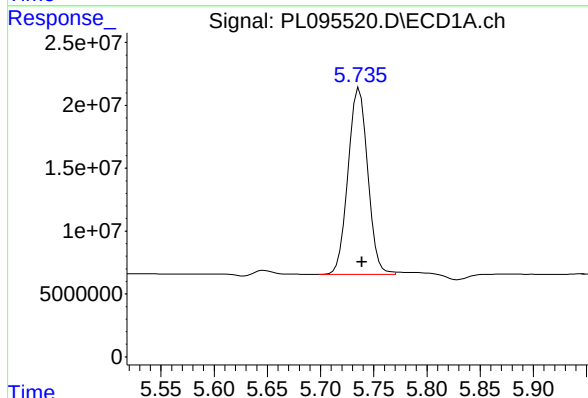
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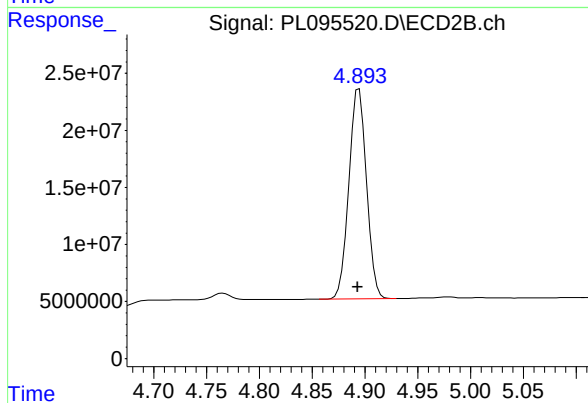
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.002 min
Response: 251414326
Conc: 57.37 ng/ml



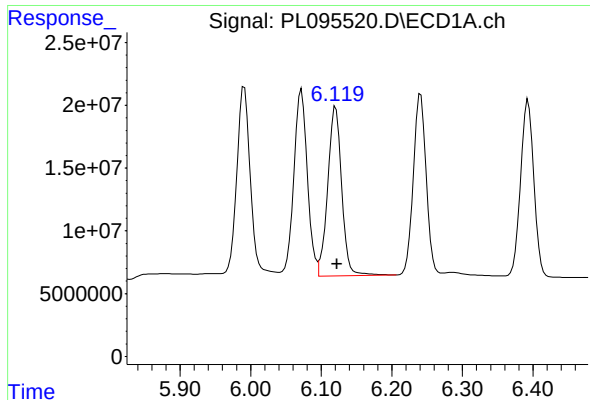
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 189455604
Conc: 47.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 213763354
Conc: 55.34 ng/ml



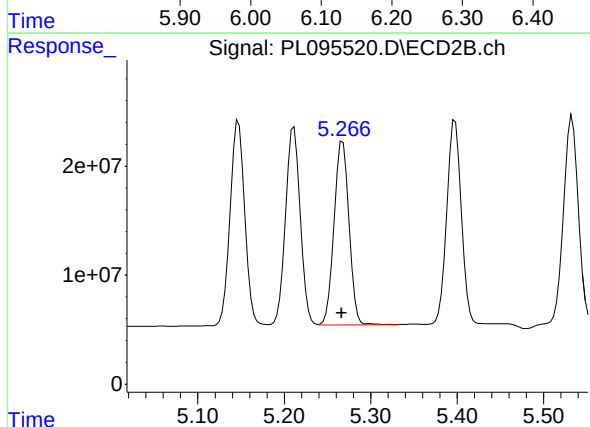
#9 Endosulfan I

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 186654300
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

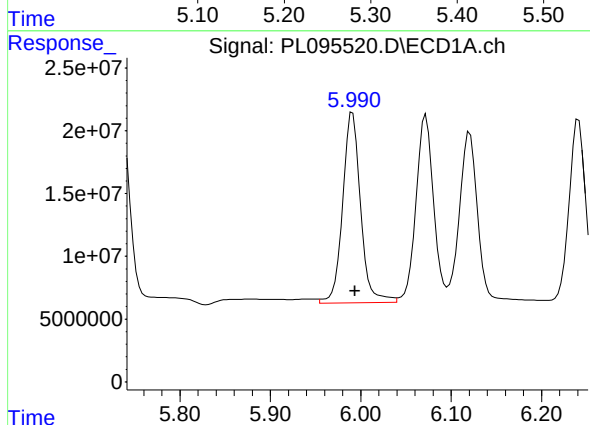
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Supervised By :mohammad ahmed 05/05/2025



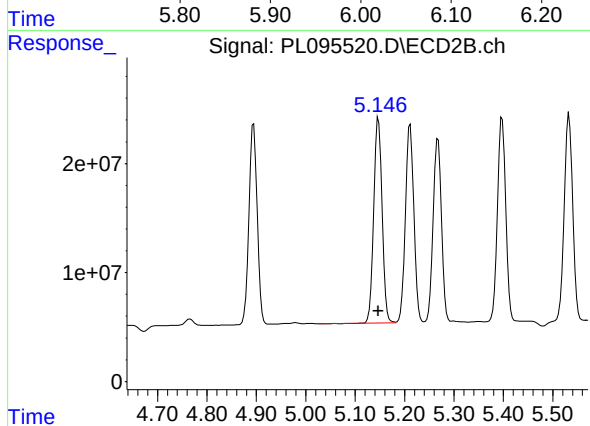
#9 Endosulfan I

R.T.: 5.268 min
Delta R.T.: 0.001 min
Response: 199739424
Conc: 54.57 ng/ml



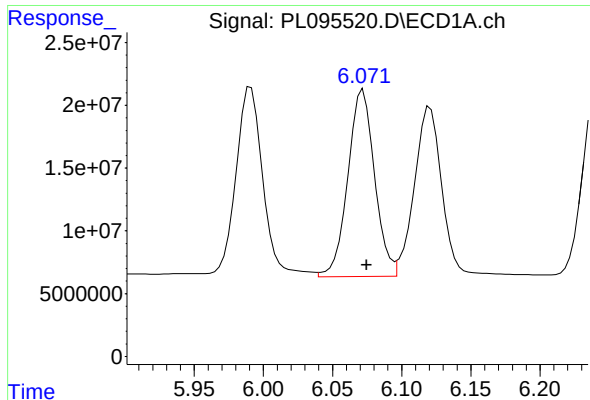
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 210226048
Conc: 51.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 221408965
Conc: 54.63 ng/ml



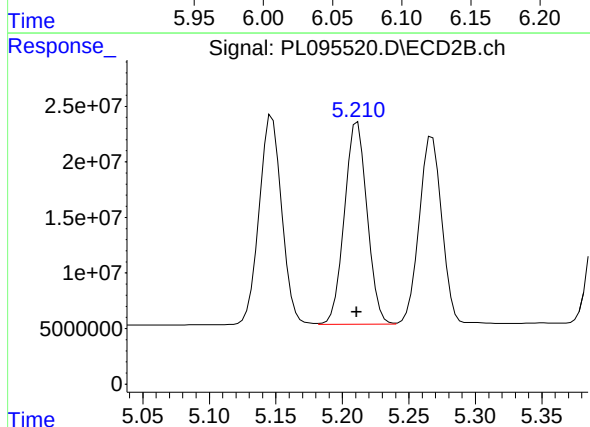
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 200433682
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

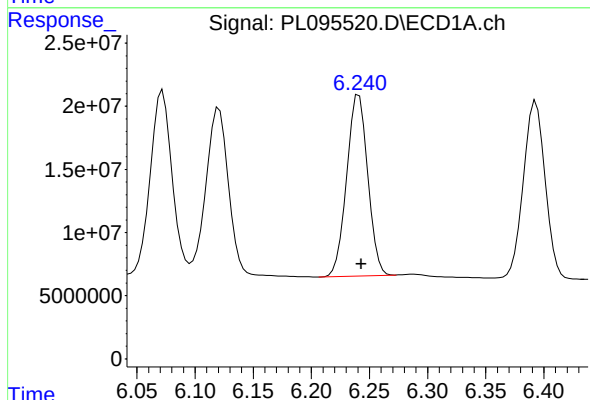
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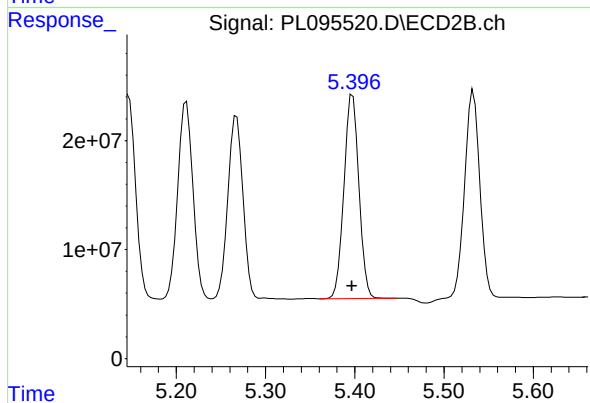
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 215721769
Conc: 54.19 ng/ml



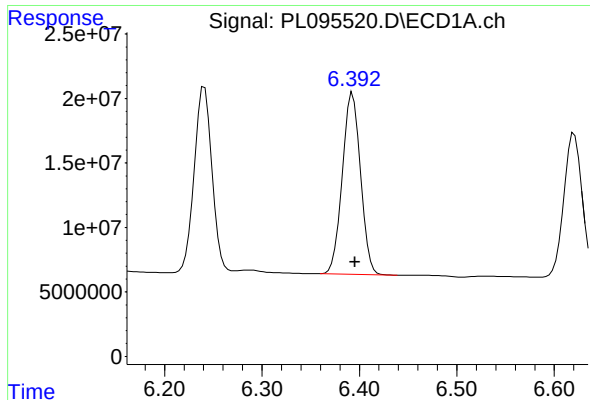
#12 4,4'-DDE

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 180337954
Conc: 46.00 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 218256749
Conc: 53.67 ng/ml



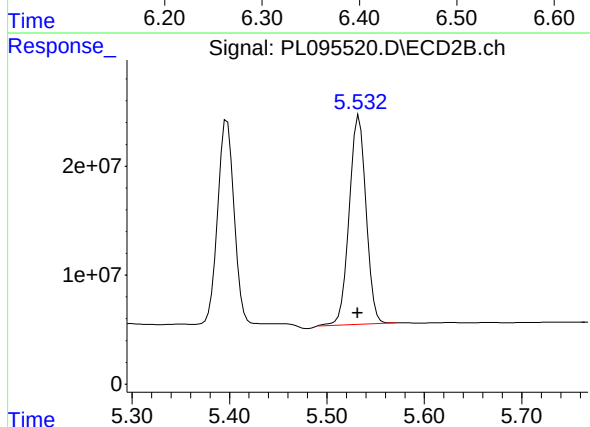
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 182478179
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

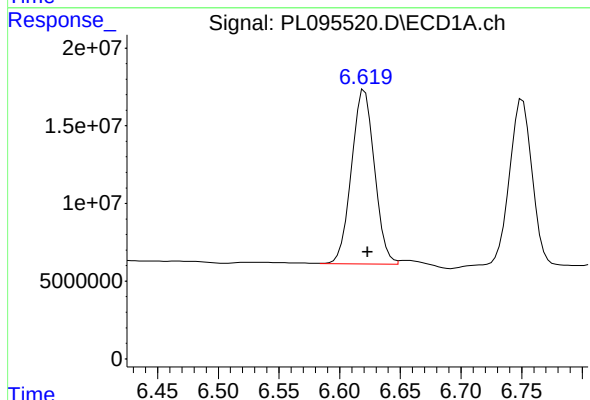
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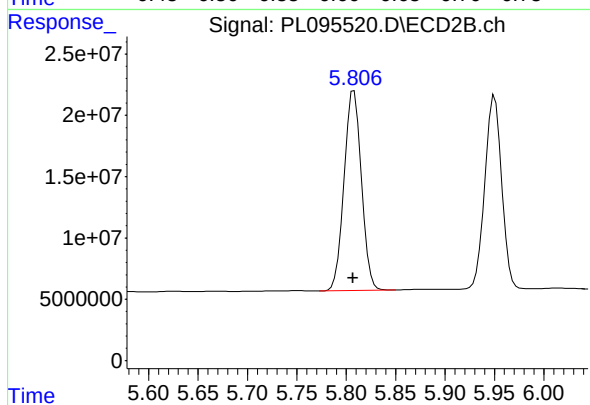
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.001 min
Response: 230258659
Conc: 56.62 ng/ml



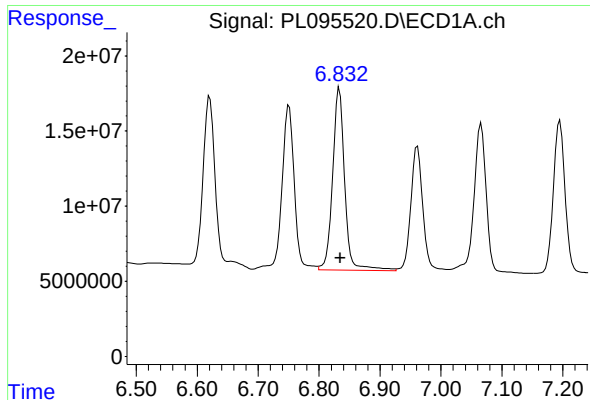
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 147502753
Conc: 46.32 ng/ml m



#14 Endrin

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 198530840
Conc: 54.53 ng/ml



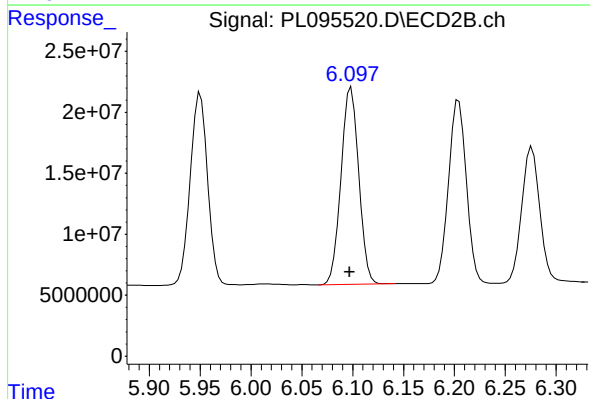
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 166646101
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

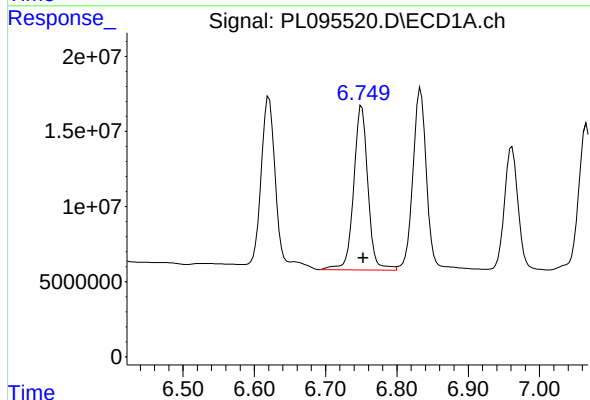
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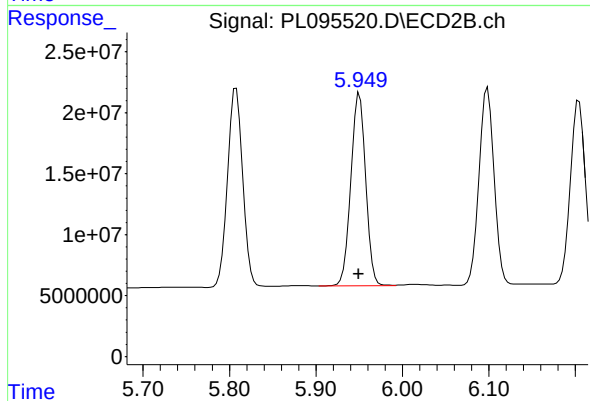
#15 Endosulfan II

R.T.: 6.098 min
Delta R.T.: 0.001 min
Response: 196461967
Conc: 54.71 ng/ml



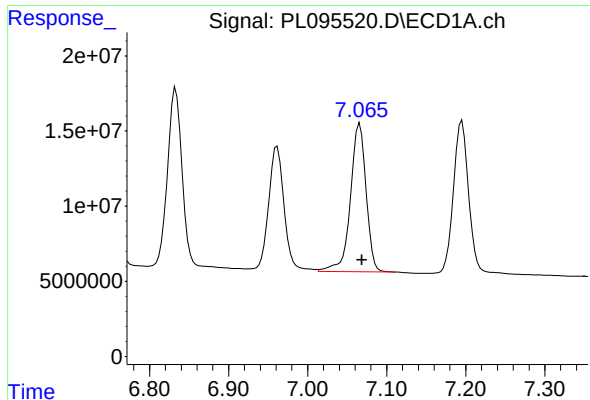
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 152207935
Conc: 53.77 ng/ml



#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 188208544
Conc: 57.61 ng/ml



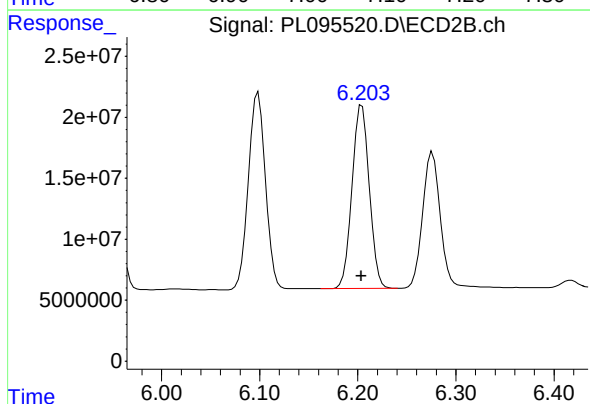
#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 135026246
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

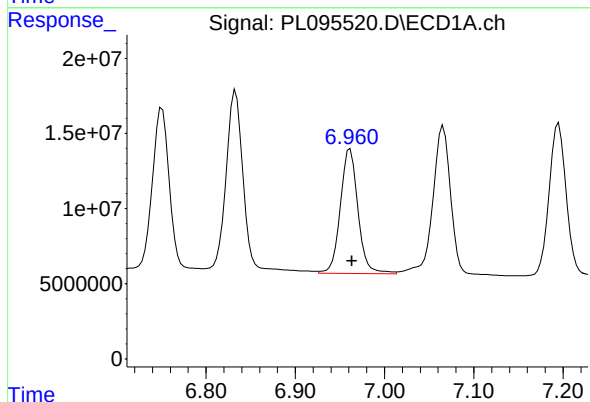
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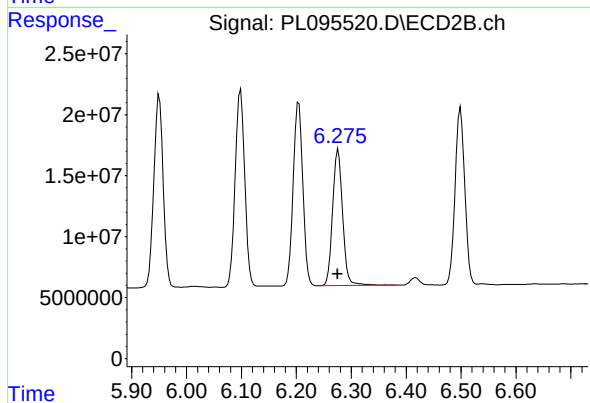
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 183844889
Conc: 53.50 ng/ml



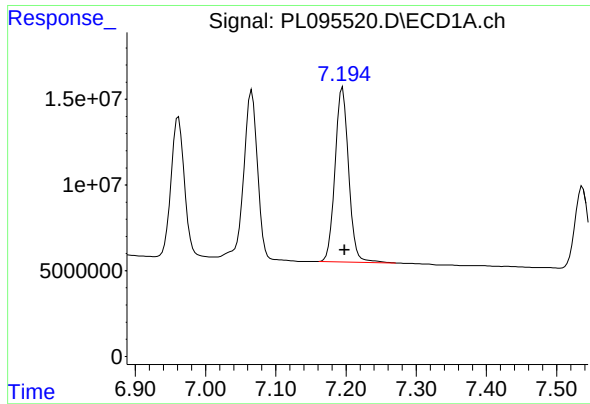
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 113704333
Conc: 48.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 141414283
Conc: 54.12 ng/ml



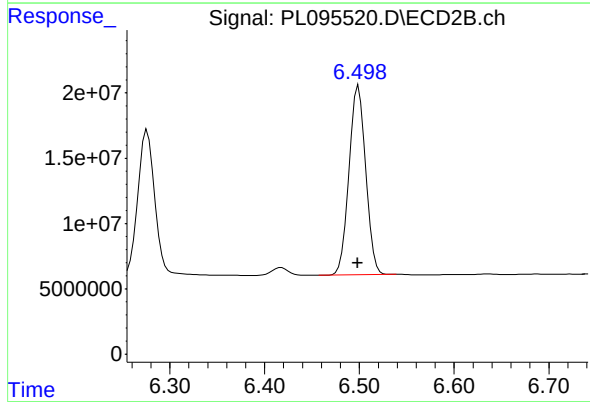
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 136492373
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

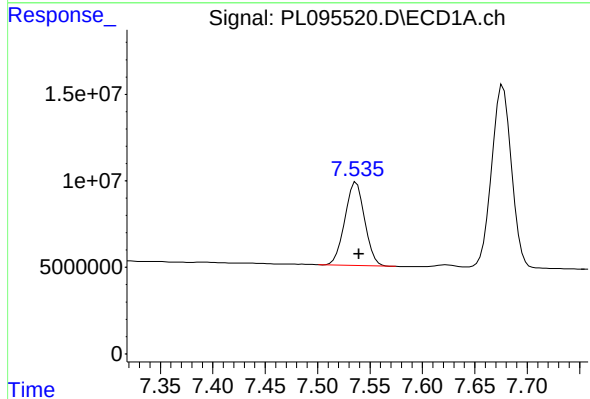
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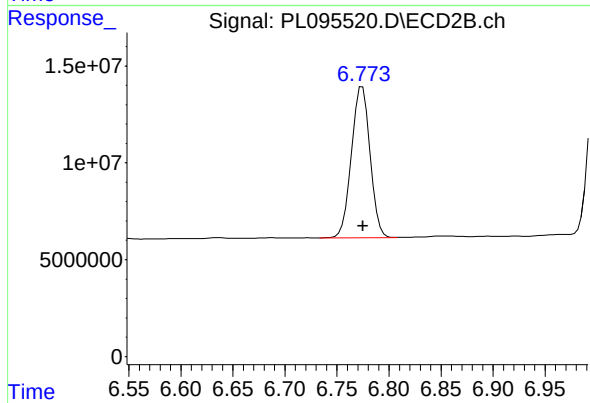
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 177365594
Conc: 53.46 ng/ml



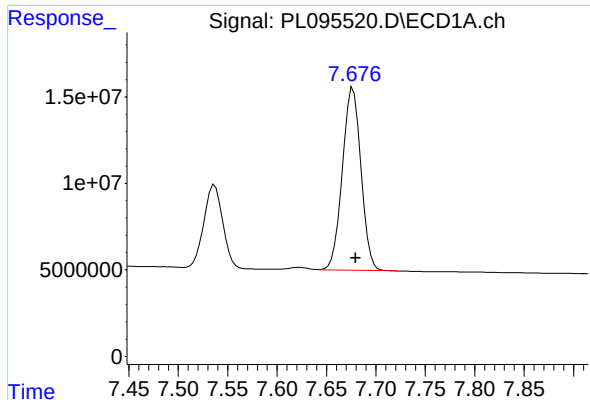
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: -0.003 min
Response: 63523488
Conc: 45.53 ng/ml



#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 97385122
Conc: 51.06 ng/ml m



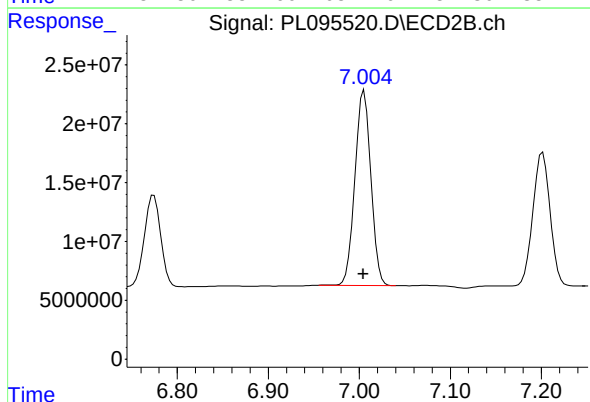
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 138245050
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

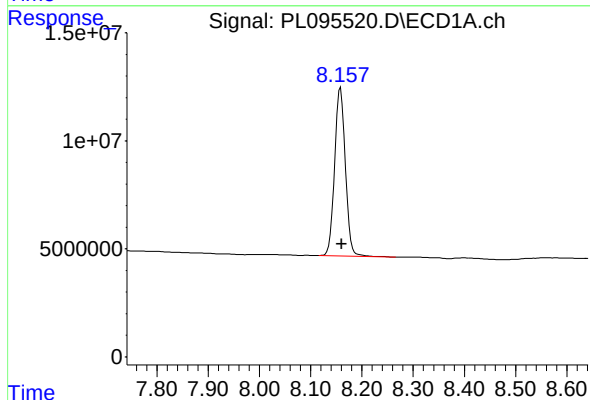
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APPROVED

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



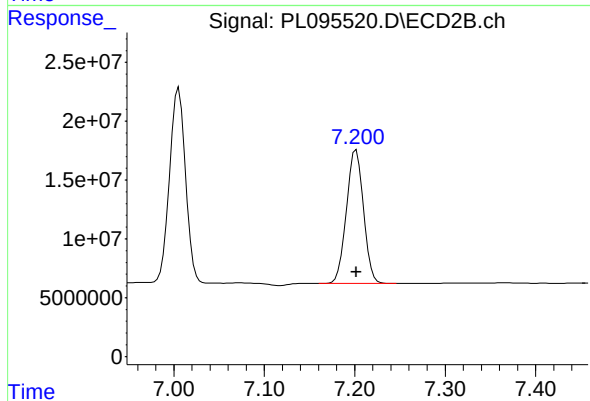
#21 Endrin ketone

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 203398367
Conc: 57.76 ng/ml



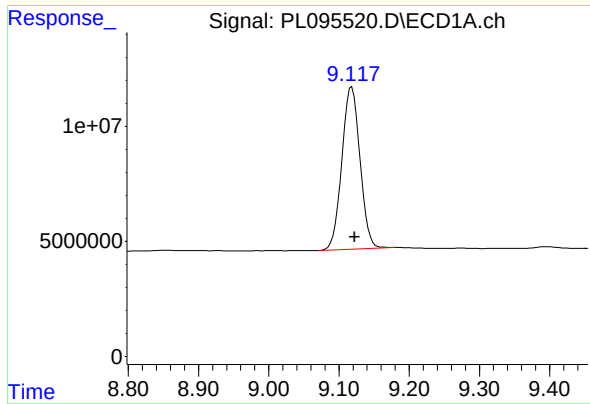
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.002 min
Response: 113170985
Conc: 47.63 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: -0.001 min
Response: 149243686
Conc: 51.78 ng/ml m



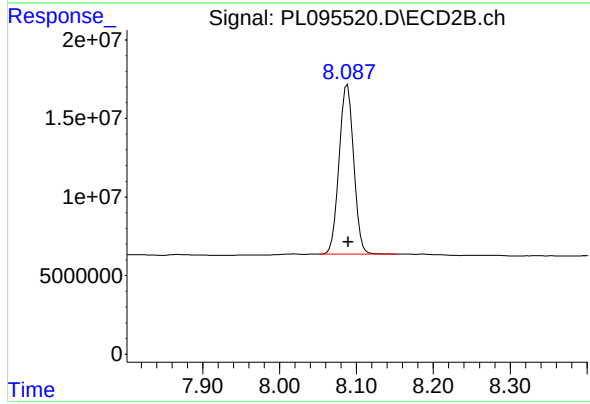
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.004 min
Response: 126682524
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: -0.001 min
Response: 140426430
Conc: 47.45 ng/ml