

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
 Data File : PL095567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 16:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:41:55 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...	3.596	2.909	145.0E6	166.2E6	44.429m	52.266
28)	SA Decachlor...	9.124	8.091	117.4E6	138.5E6	42.353	46.812
Target Compounds							
2)	A alpha-BHC	4.049	3.419	209.0E6	252.2E6	42.195	56.681 #
3)	MA gamma-BHC...	4.379	3.752	200.0E6	240.2E6	42.252m	54.622 #
4)	MA Heptachlor	4.979	4.107	194.6E6	230.9E6	42.539	53.005
5)	MB Aldrin	5.321	4.392	206.3E6	228.2E6	44.920	55.456
6)	B beta-BHC	4.566	4.047	88108572	108.1E6	42.616	52.080
7)	B delta-BHC	4.813	4.283	196.5E6	244.8E6	42.252m	55.866 #
8)	B Heptachlo...	5.741	4.896	186.3E6	208.8E6	46.518	54.059
9)	A Endosulfan I	6.124	5.269	174.5E6	201.4E6	45.941	55.009
10)	B gamma-Chl...	5.996	5.149	190.7E6	217.3E6	46.750	53.611
11)	B alpha-Chl...	6.076	5.213	187.4E6	212.5E6	46.090	53.379
12)	B 4,4'-DDE	6.245	5.399	182.9E6	216.5E6	46.653	53.232
13)	MA Dieldrin	6.398	5.534	172.5E6	221.7E6	44.759	54.500
14)	MA Endrin	6.625	5.810	134.0E6	195.3E6	42.069	53.644 #
15)	B Endosulfa...	6.837	6.100	147.2E6	195.1E6	46.122	54.328
16)	A 4,4'-DDD	6.754	5.952	132.1E6	184.8E6	46.656	56.563
17)	MA 4,4'-DDT	7.070	6.206	125.6E6	185.5E6	44.100	53.989
18)	B Endrin al...	6.966	6.278	103.3E6	139.2E6	44.532	53.250
19)	B Endosulfa...	7.199	6.502	126.9E6	177.1E6	45.281	53.379
20)	A Methoxychlor	7.540	6.776	60039251	98039780	43.035	51.399
21)	B Endrin ke...	7.681	7.007	129.9E6	202.7E6	45.563	57.569 #
22)	Mirex	8.162	7.203	105.5E6	149.5E6	44.422	51.879m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
Data File : PL095567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 16:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

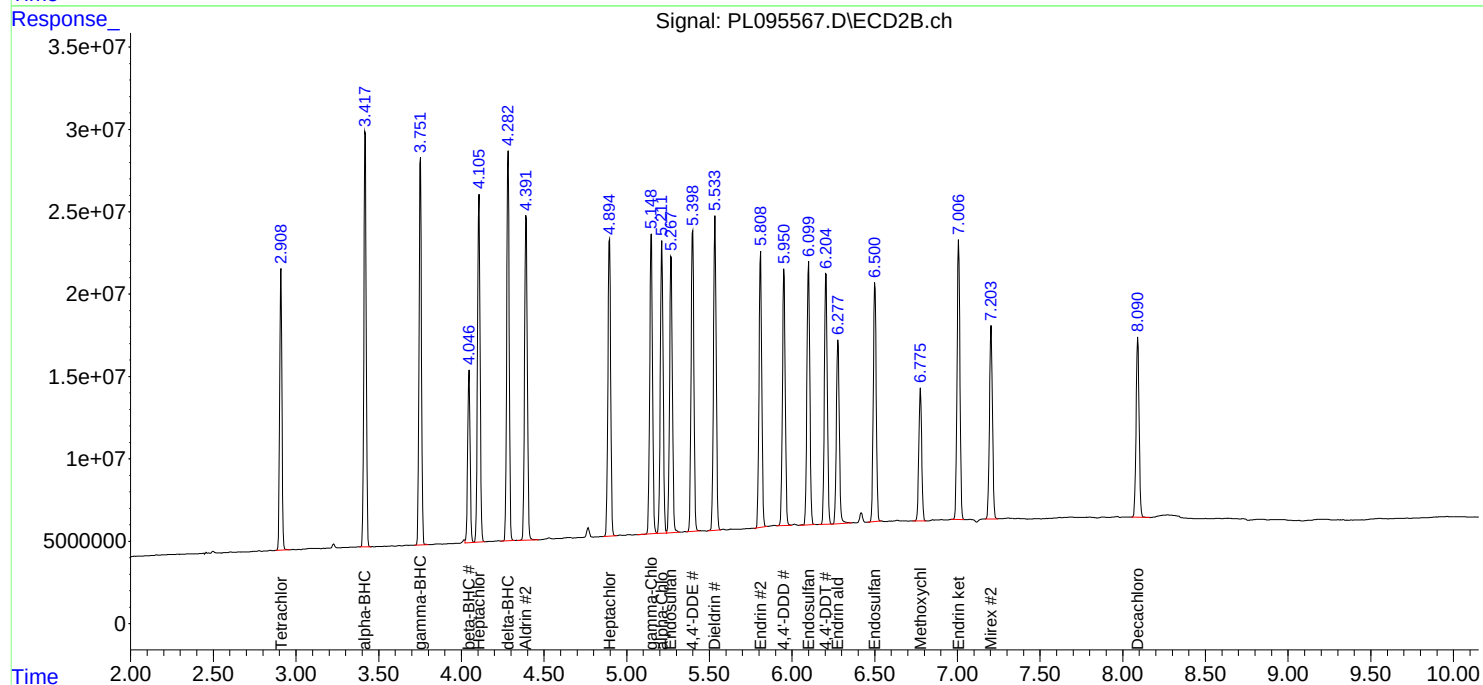
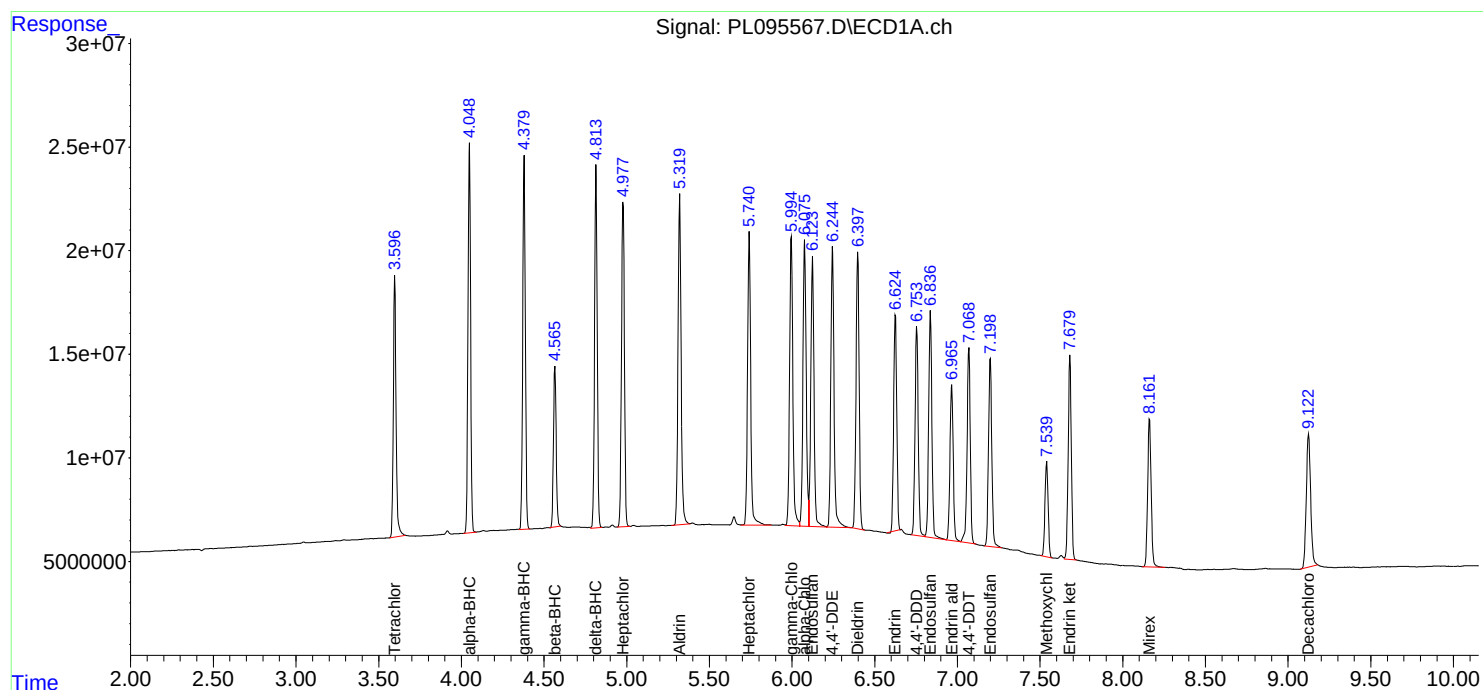
APPROVED

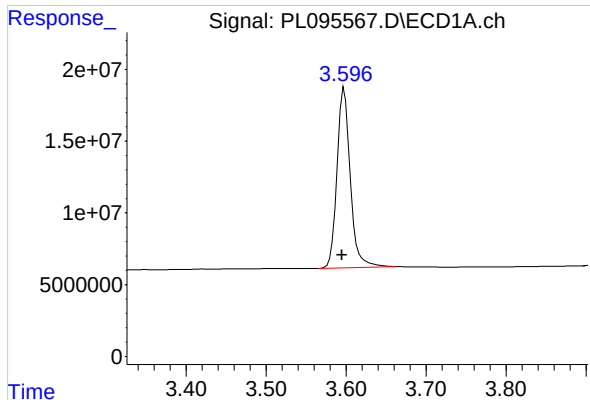
Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:41:55 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





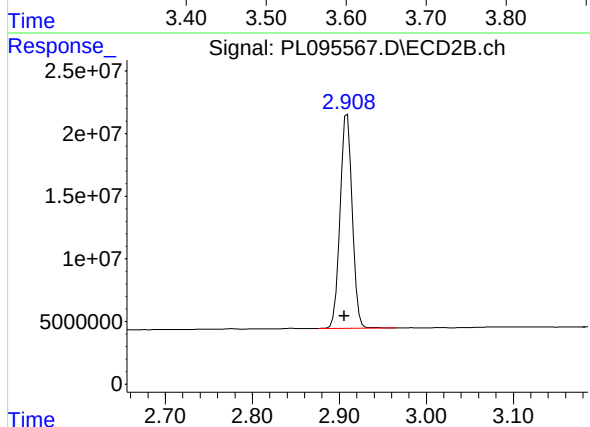
#1 Tetrachloro-m-xylene

R.T.: 3.596 min
Delta R.T.: 0.001 min
Response: 145047596
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

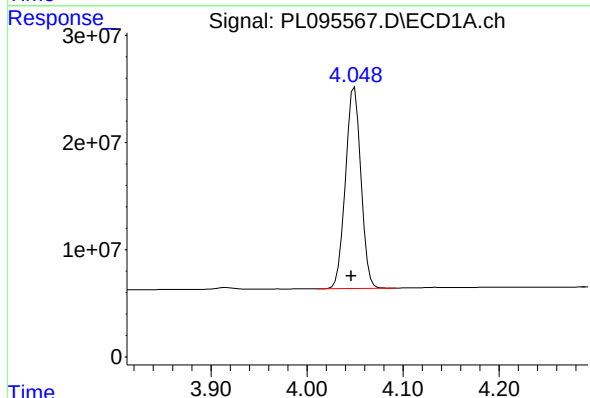
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Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



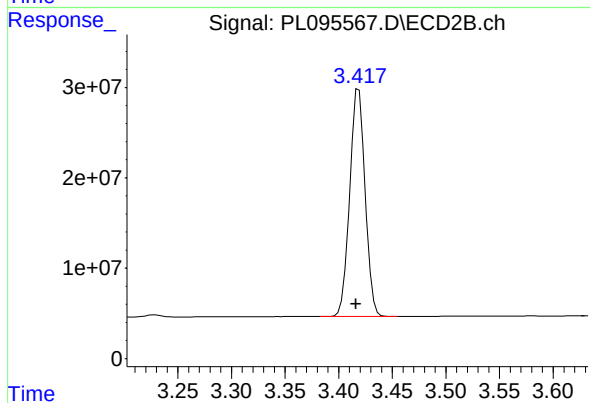
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.003 min
Response: 166193196
Conc: 52.27 ng/ml



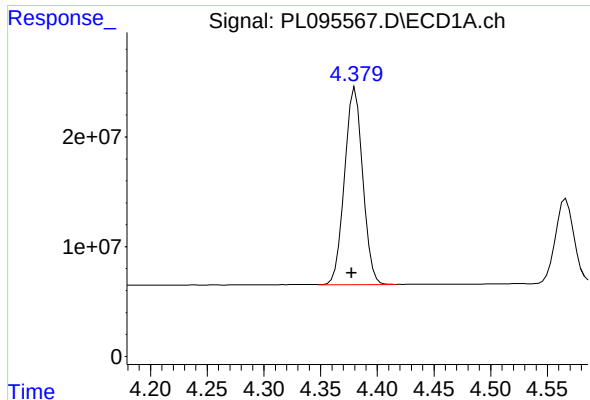
#2 alpha-BHC

R.T.: 4.049 min
Delta R.T.: 0.003 min
Response: 209025295
Conc: 42.20 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 252158921
Conc: 56.68 ng/ml



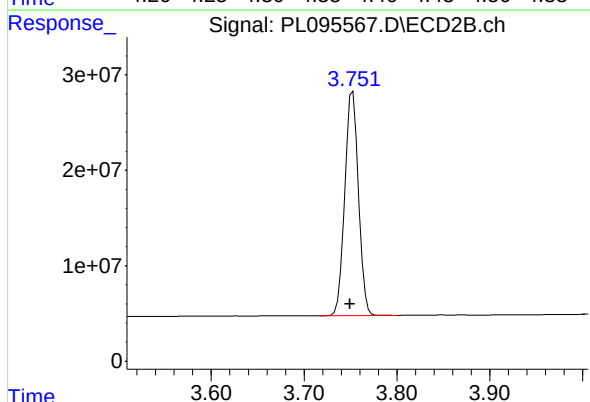
#3 gamma-BHC (Lindane)

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 200018062
Conc: 42.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

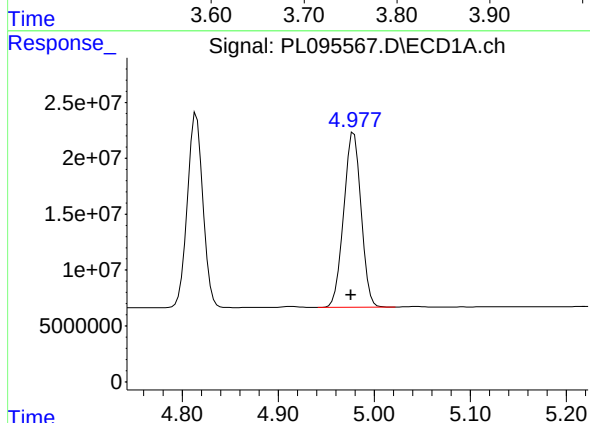
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Supervised By :mohammad ahmed 05/08/2025



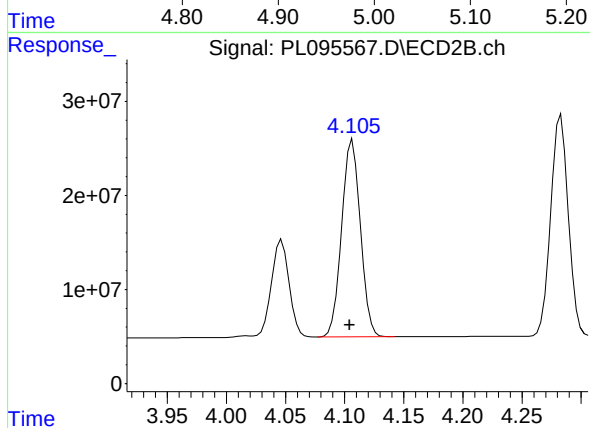
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.003 min
Response: 240239649
Conc: 54.62 ng/ml



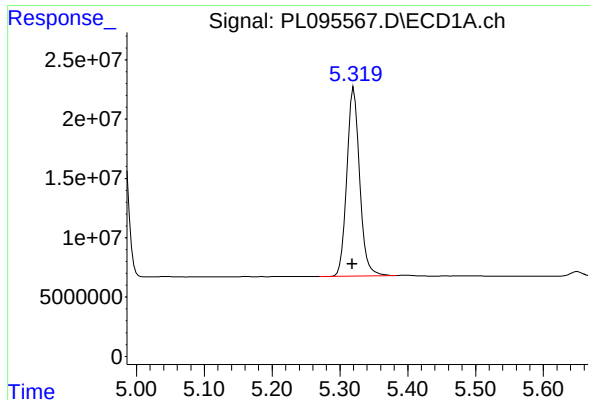
#4 Heptachlor

R.T.: 4.979 min
Delta R.T.: 0.003 min
Response: 194592844
Conc: 42.54 ng/ml



#4 Heptachlor

R.T.: 4.107 min
Delta R.T.: 0.002 min
Response: 230927332
Conc: 53.01 ng/ml



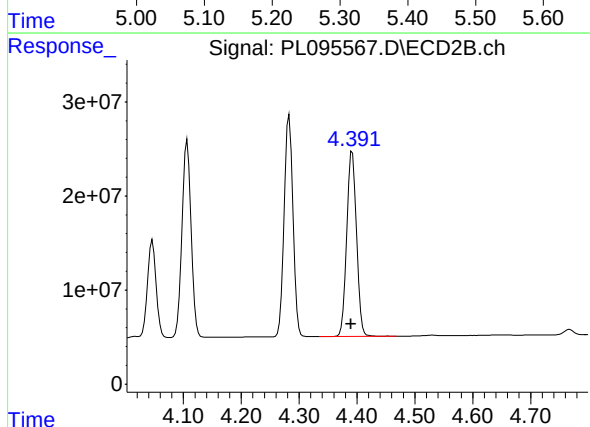
#5 Aldrin

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 206319142
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

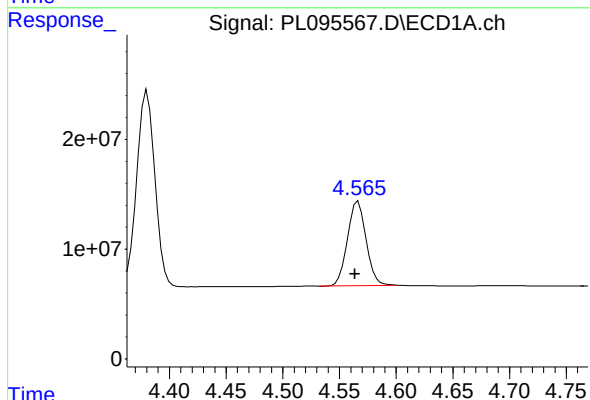
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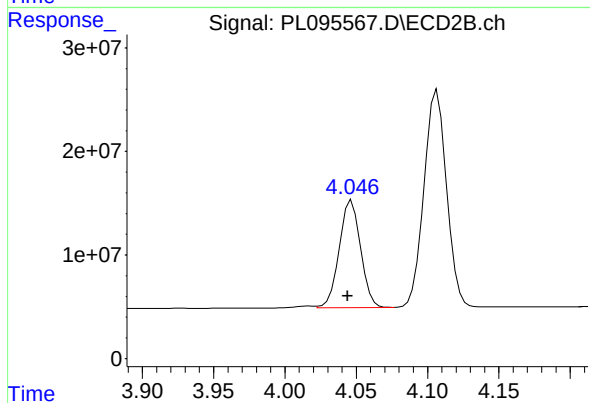
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.002 min
Response: 228240819
Conc: 55.46 ng/ml



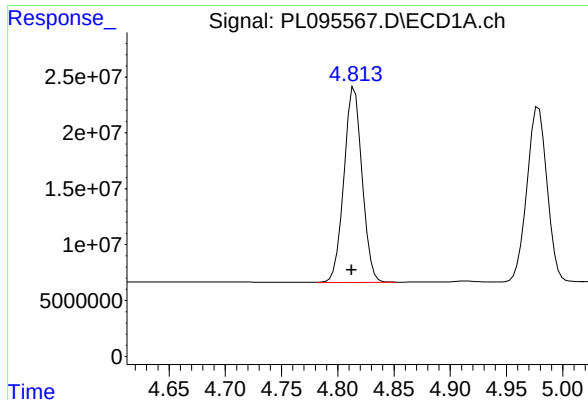
#6 beta-BHC

R.T.: 4.566 min
Delta R.T.: 0.003 min
Response: 88108572
Conc: 42.62 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 108111160
Conc: 52.08 ng/ml



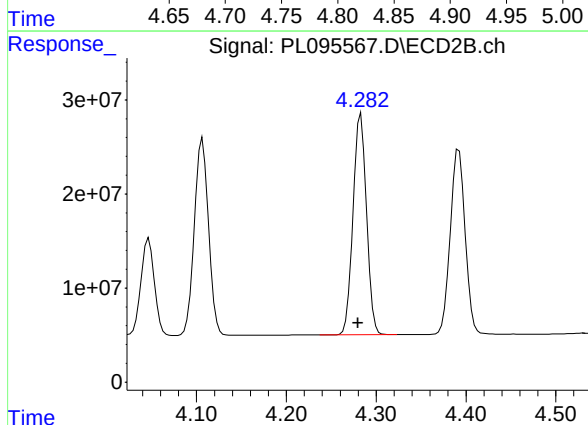
#7 delta-BHC

R.T.: 4.813 min
Delta R.T.: 0.001 min
Response: 196500919
Conc: 42.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

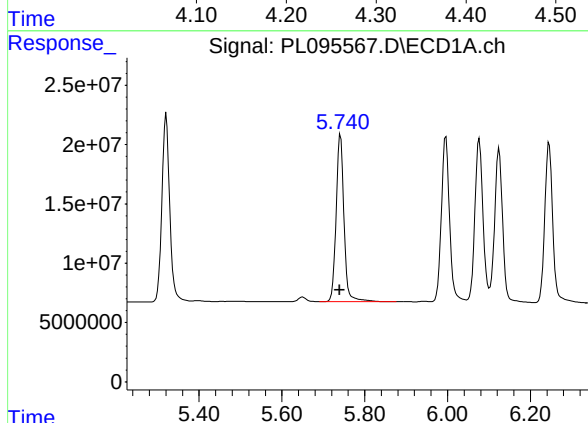
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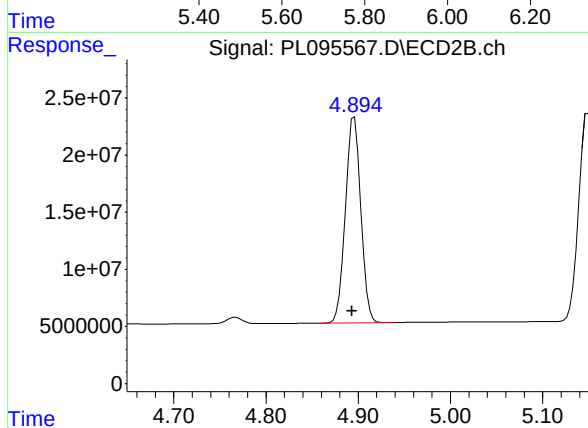
#7 delta-BHC

R.T.: 4.283 min
Delta R.T.: 0.003 min
Response: 244801558
Conc: 55.87 ng/ml



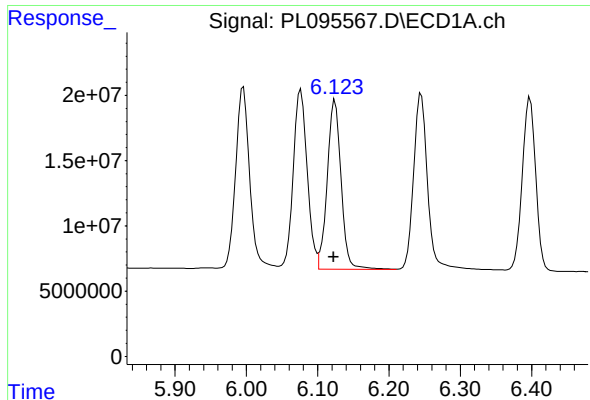
#8 Heptachlor epoxide

R.T.: 5.741 min
Delta R.T.: 0.003 min
Response: 186311912
Conc: 46.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 208810226
Conc: 54.06 ng/ml



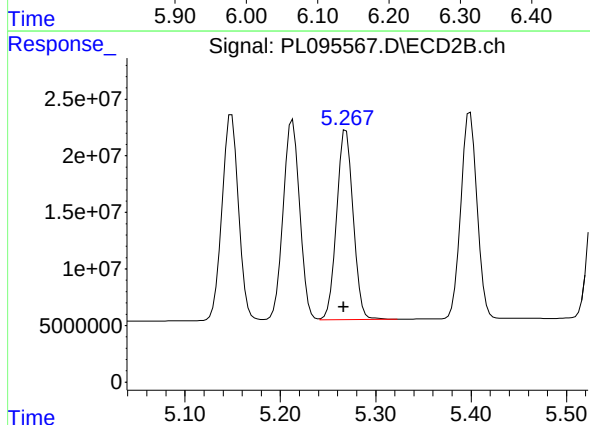
#9 Endosulfan I

R.T.: 6.124 min
Delta R.T.: 0.002 min
Response: 174461792
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

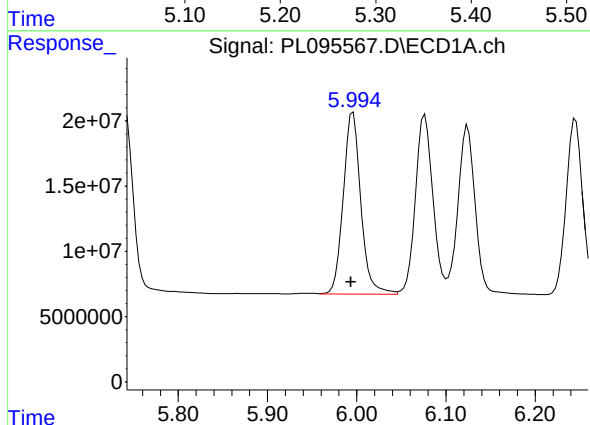
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Supervised By :mohammad ahmed 05/08/2025



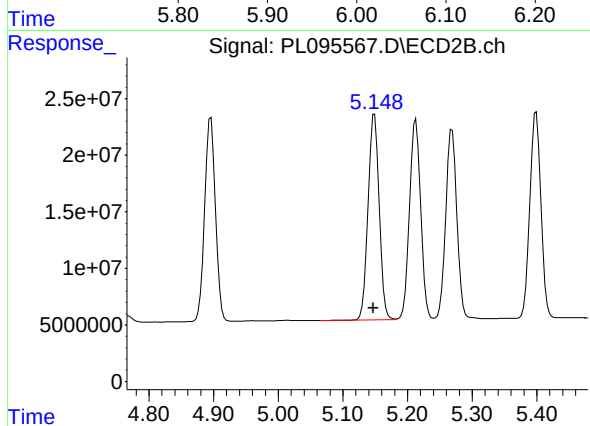
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 201354620
Conc: 55.01 ng/ml



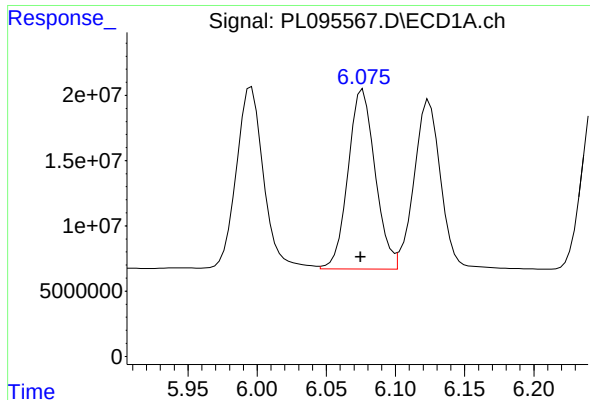
#10 gamma-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.002 min
Response: 190709344
Conc: 46.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.002 min
Response: 217267363
Conc: 53.61 ng/ml



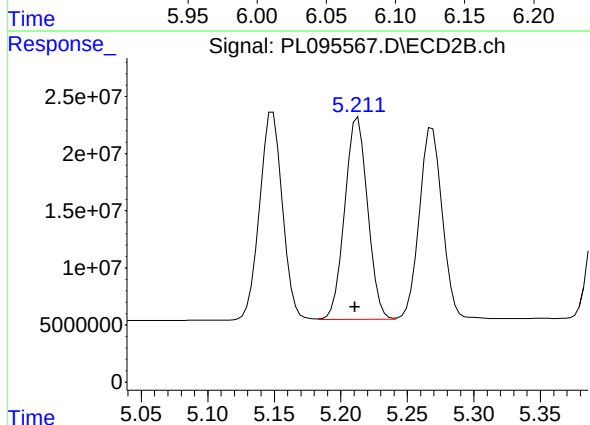
#11 alpha-Chlordane

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 187407839
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

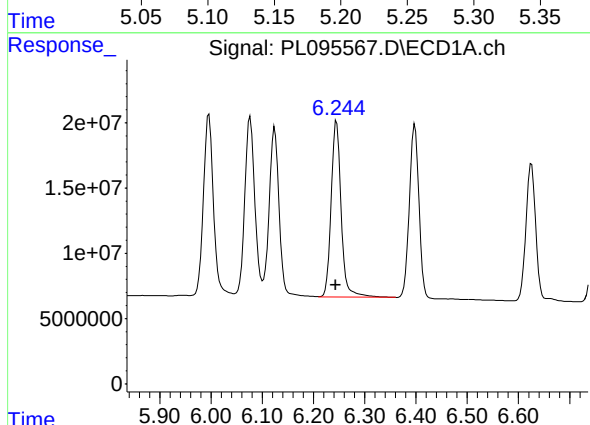
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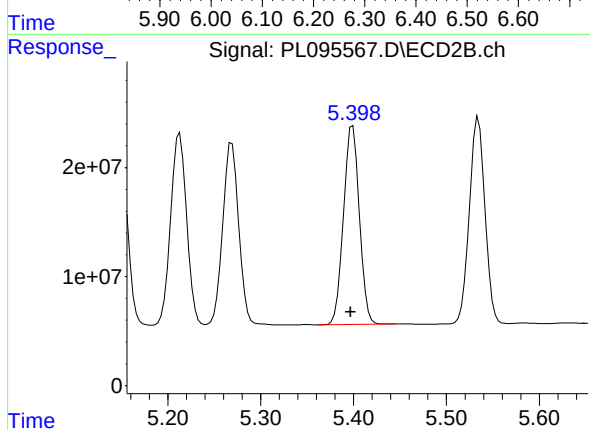
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 212505713
Conc: 53.38 ng/ml



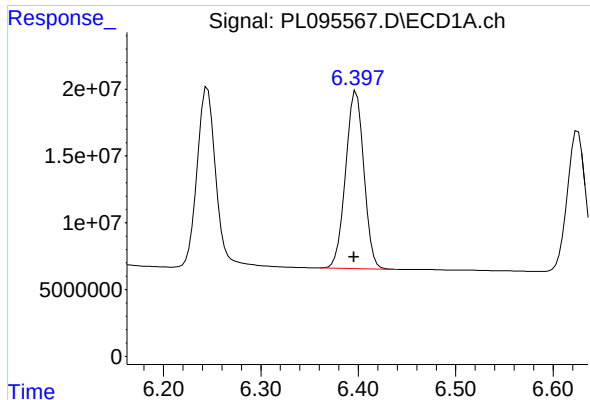
#12 4,4'-DDE

R.T.: 6.245 min
Delta R.T.: 0.002 min
Response: 182905822
Conc: 46.65 ng/ml



#12 4,4'-DDE

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 216490915
Conc: 53.23 ng/ml



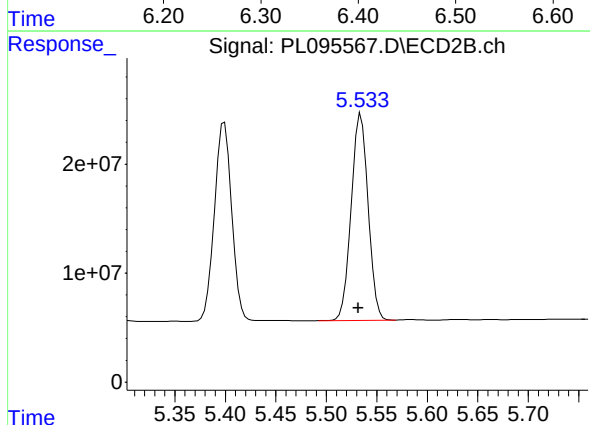
#13 Dieldrin

R.T.: 6.398 min
Delta R.T.: 0.002 min
Response: 172538659
Conc: 44.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

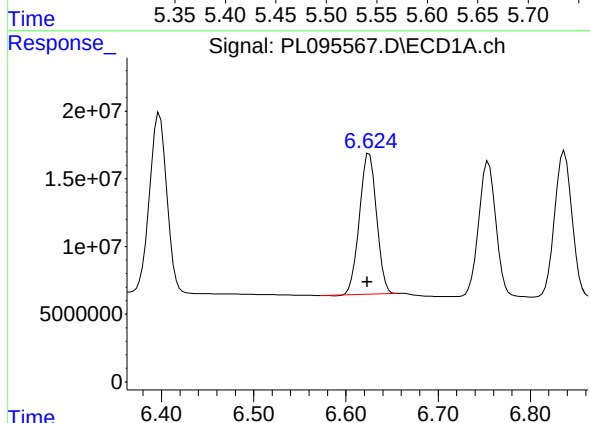
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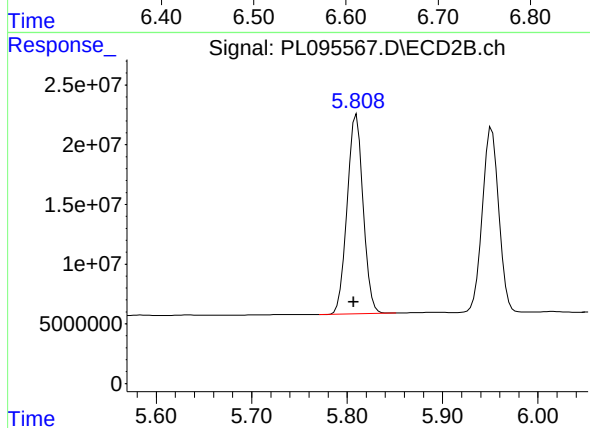
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.003 min
Response: 221658096
Conc: 54.50 ng/ml



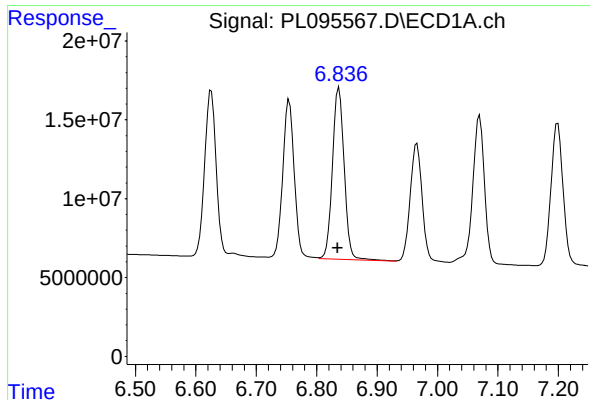
#14 Endrin

R.T.: 6.625 min
Delta R.T.: 0.002 min
Response: 133978165
Conc: 42.07 ng/ml



#14 Endrin

R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 195302517
Conc: 53.64 ng/ml



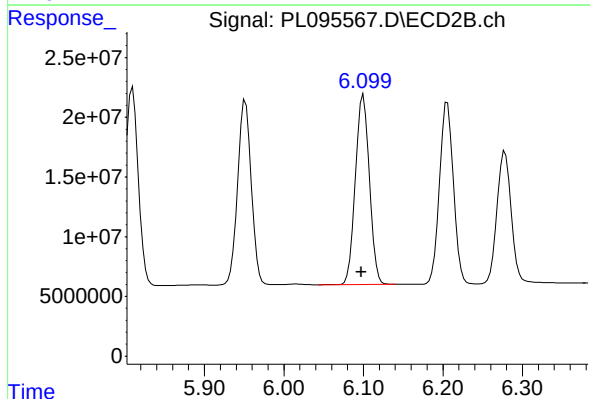
#15 Endosulfan II

R.T.: 6.837 min
Delta R.T.: 0.002 min
Response: 147227120
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

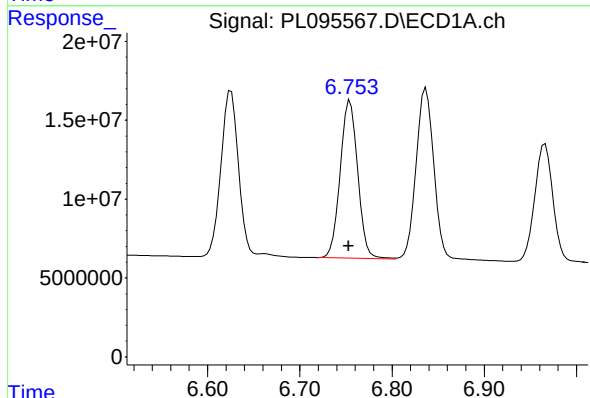
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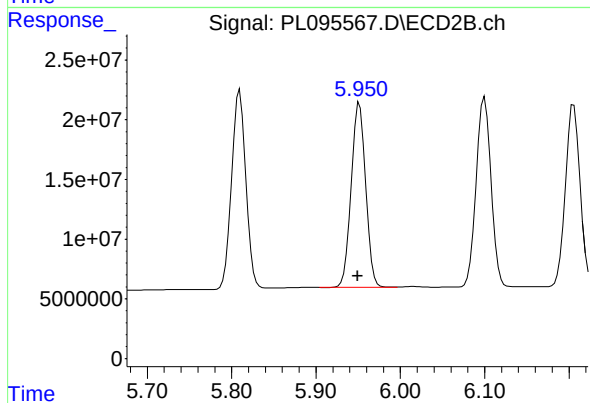
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.003 min
Response: 195098600
Conc: 54.33 ng/ml



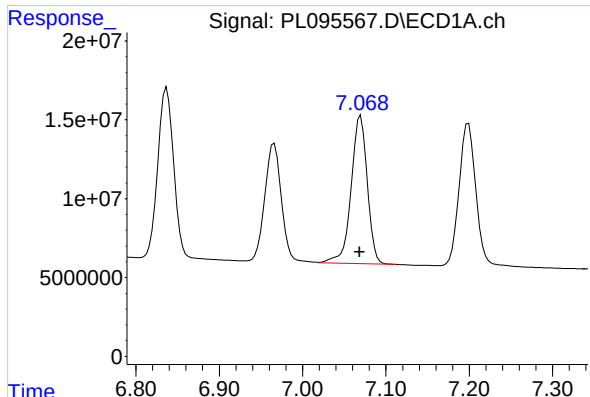
#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 132081067
Conc: 46.66 ng/ml



#16 4,4'-DDD

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 184779296
Conc: 56.56 ng/ml



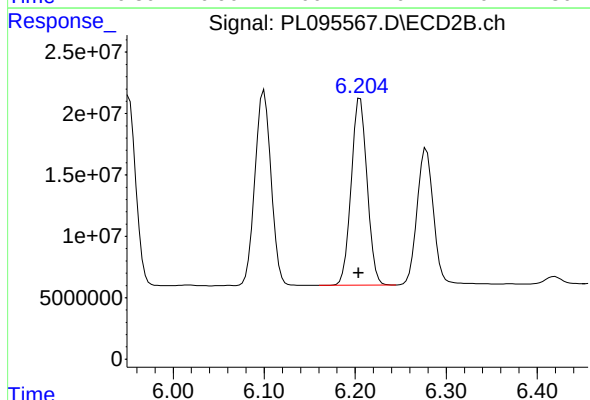
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.001 min
Response: 125622893
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

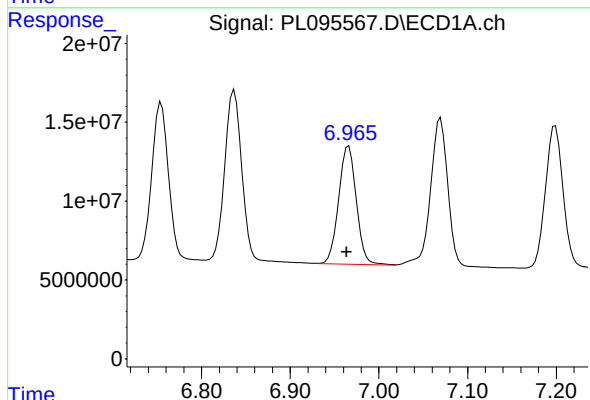
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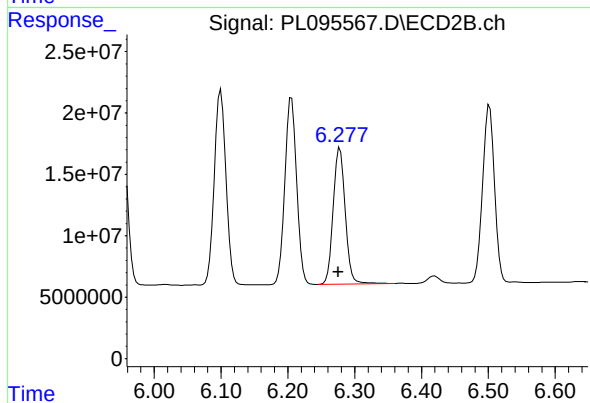
#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 185516918
Conc: 53.99 ng/ml



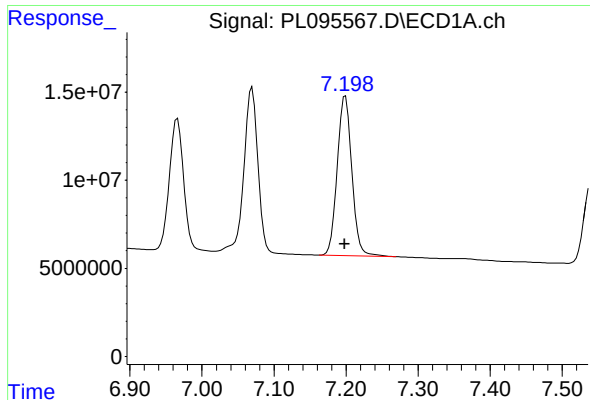
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 103349518
Conc: 44.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.003 min
Response: 139150052
Conc: 53.25 ng/ml



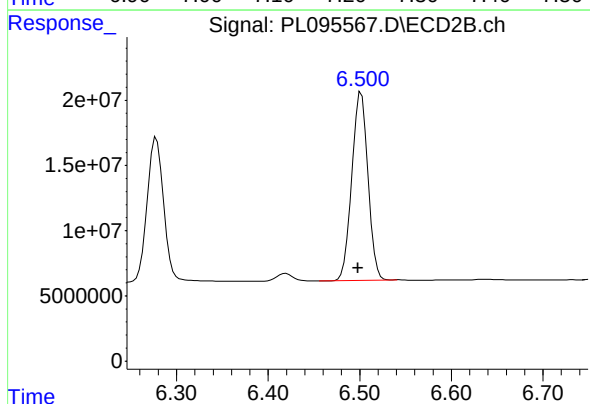
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 126866996
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

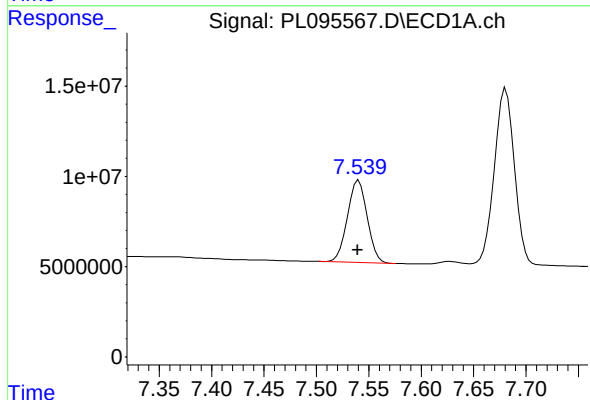
Manual Integrations
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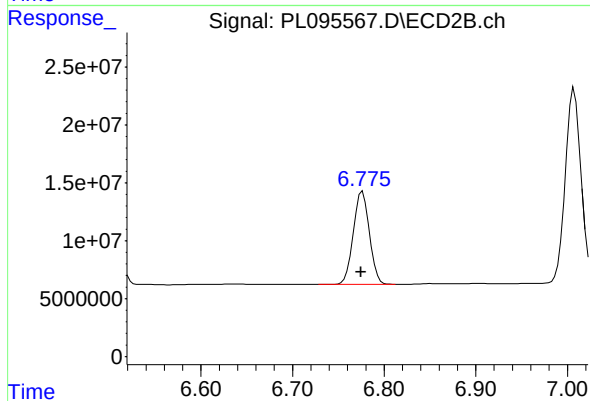
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 177108857
Conc: 53.38 ng/ml



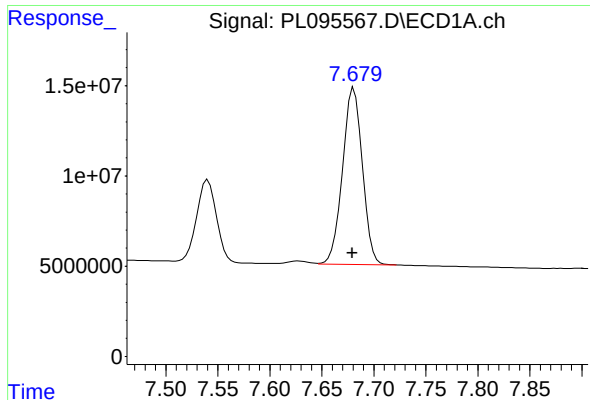
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 60039251
Conc: 43.03 ng/ml



#20 Methoxychlor

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 98039780
Conc: 51.40 ng/ml



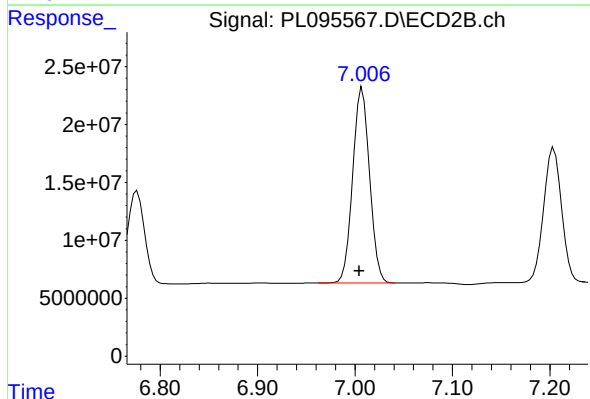
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.001 min
Response: 129894741
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

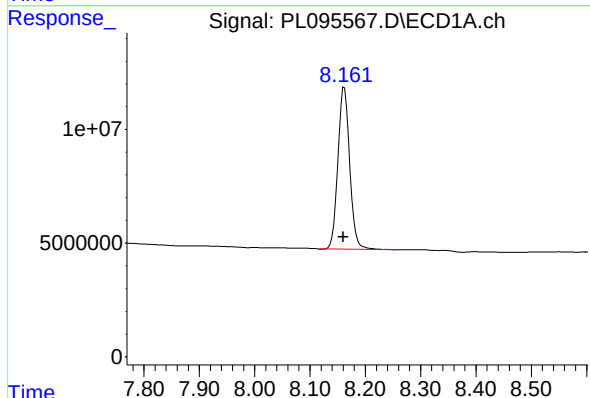
Manual Integrations
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Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



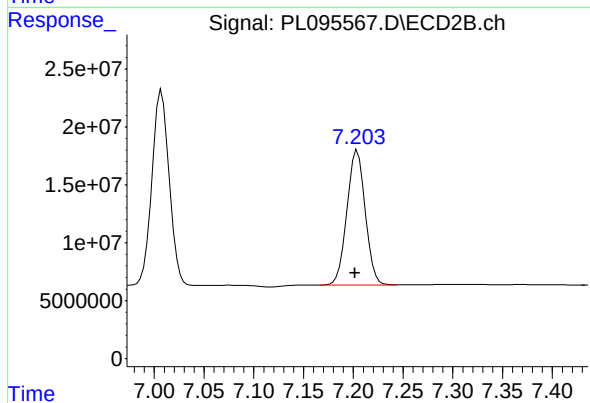
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.003 min
Response: 202716655
Conc: 57.57 ng/ml



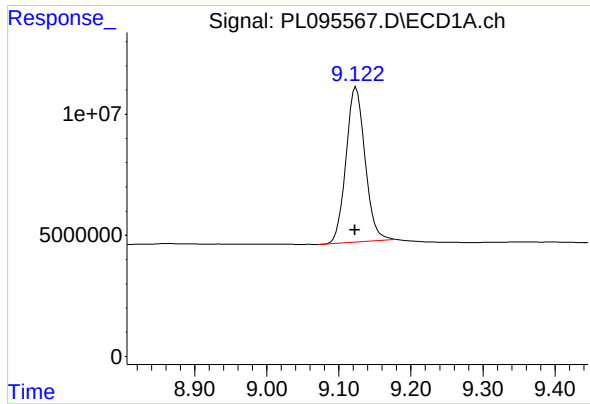
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.002 min
Response: 105547496
Conc: 44.42 ng/ml



#22 Mirex

R.T.: 7.203 min
Delta R.T.: 0.001 min
Response: 149535983
Conc: 51.88 ng/ml m



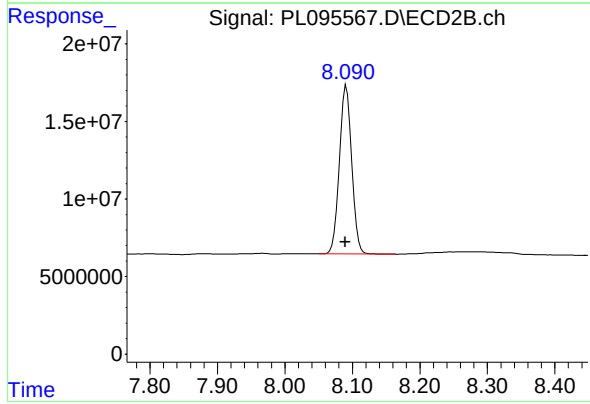
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.002 min
Response: 117351733
Conc: 42.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/08/2025



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.002 min
Response: 138528406
Conc: 46.81 ng/ml