

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
 Data File : PL095715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 10:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 01:55:11 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	2.909	210.1E6	227.2E6	51.413	48.498
28)	SA Decachlor...	9.115	8.085	181.8E6	203.7E6	53.575	49.390
Target Compounds							
2)	A alpha-BHC	4.043	3.418	304.3E6	357.7E6	52.013	50.021
3)	MA gamma-BHC...	4.374	3.752	290.6E6	337.8E6	52.204	50.030
4)	MA Heptachlor	4.971	4.105	280.9E6	325.5E6	51.577	49.894
5)	MB Aldrin	5.313	4.390	301.2E6	317.4E6	52.438	49.768
6)	B beta-BHC	4.559	4.045	127.8E6	147.0E6	52.170	48.718
7)	B delta-BHC	4.807	4.282	282.7E6	343.4E6	52.045	50.452
8)	B Heptachlo...	5.732	4.892	270.1E6	288.1E6	52.125m	49.848
9)	A Endosulfan I	6.117	5.265	254.2E6	254.1E6	51.930	49.138
10)	B gamma-Chl...	5.988	5.145	279.3E6	302.5E6	52.153	50.794
11)	B alpha-Chl...	6.069	5.209	275.7E6	294.9E6	53.041	49.972
12)	B 4,4'-DDE	6.237	5.394	268.9E6	304.7E6	52.530m	51.051m
13)	MA Dieldrin	6.390	5.531	255.2E6	320.2E6	51.778	52.047
14)	MA Endrin	6.618	5.806	209.4E6	285.6E6	54.678	53.607
15)	B Endosulfa...	6.830	6.096	214.3E6	272.9E6	51.425	49.832
16)	A 4,4'-DDD	6.747	5.948	199.6E6	262.7E6	51.360	51.085
17)	MA 4,4'-DDT	7.062	6.202	199.7E6	269.3E6	55.510	53.650
18)	B Endrin al...	6.958	6.274	149.3E6	194.4E6	50.859	50.764
19)	B Endosulfa...	7.192	6.497	192.0E6	247.2E6	52.318	49.714
20)	A Methoxychlor	7.534	6.771	92705580	142.3E6	54.984	52.579
21)	B Endrin ke...	7.673	7.004	192.8E6	286.6E6	51.465	48.776
22)	Mirex	8.156	7.199	153.6E6	209.6E6	50.449	48.616

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
Data File : PL095715.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2025 10:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

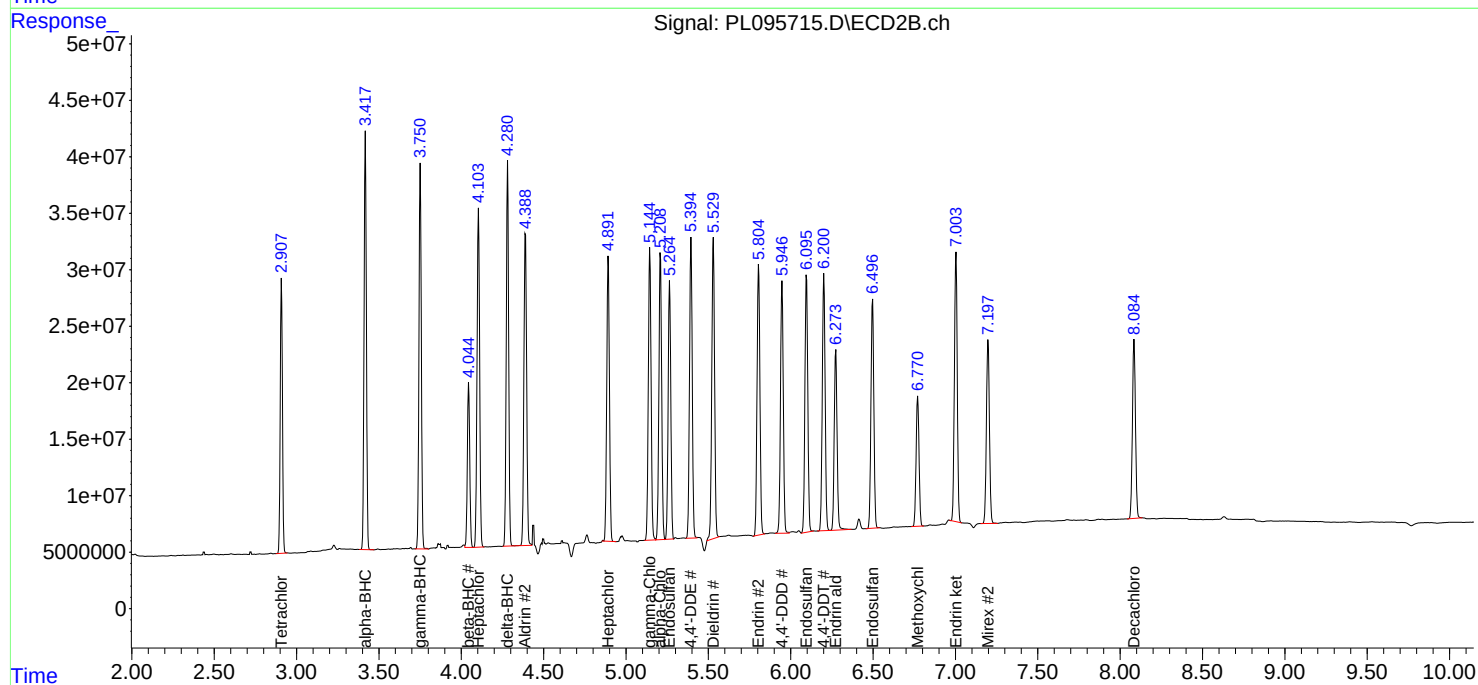
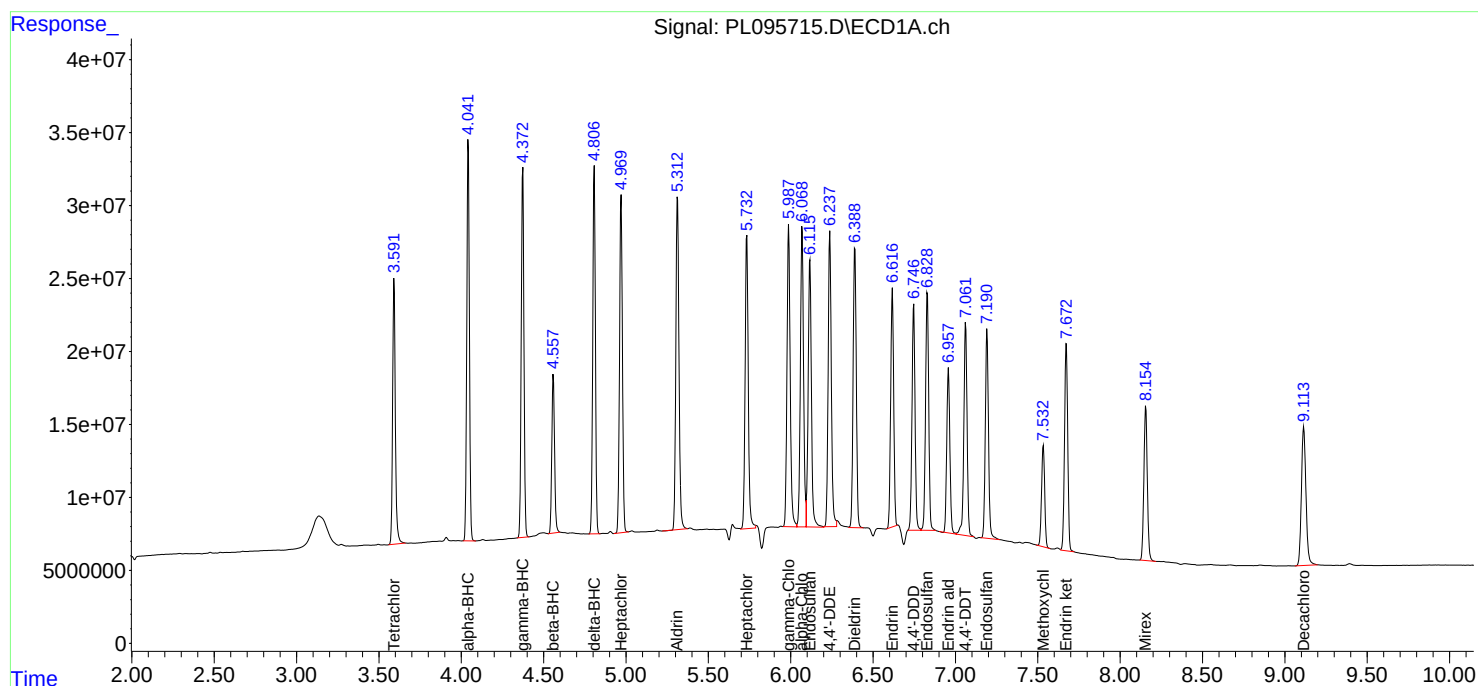
APPROVED

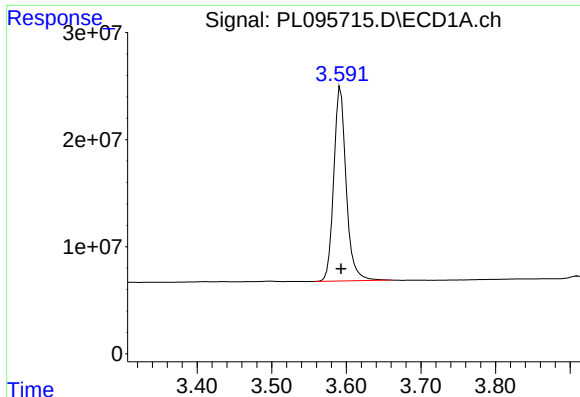
Reviewed By :Abdul Mirza 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 01:55:11 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





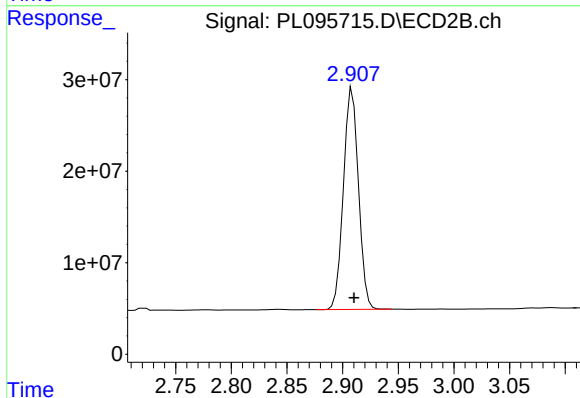
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 210074906
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

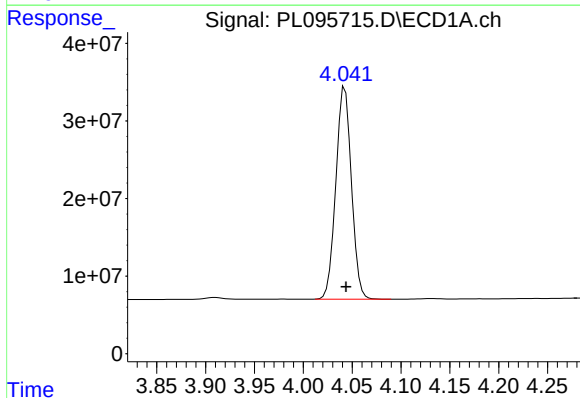
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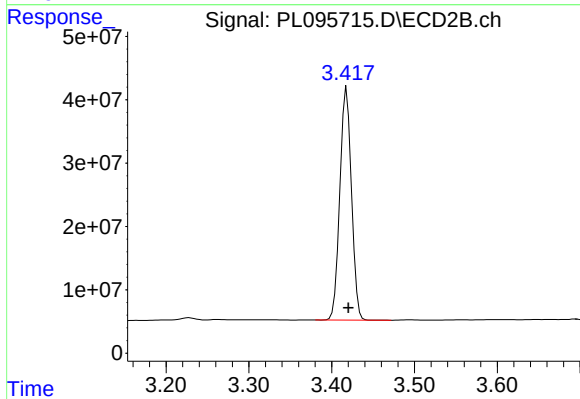
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: -0.002 min
Response: 227167944
Conc: 48.50 ng/ml



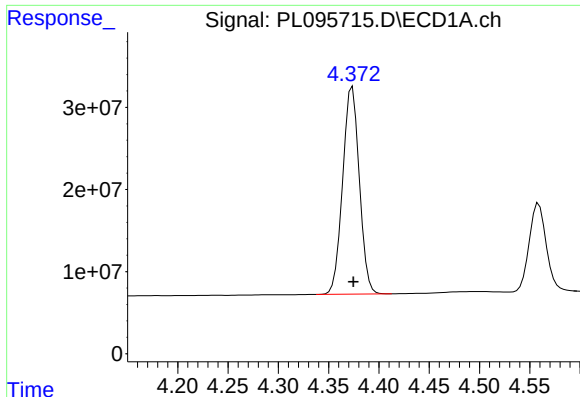
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 304334108
Conc: 52.01 ng/ml



#2 alpha-BHC

R.T.: 3.418 min
Delta R.T.: -0.002 min
Response: 357717068
Conc: 50.02 ng/ml



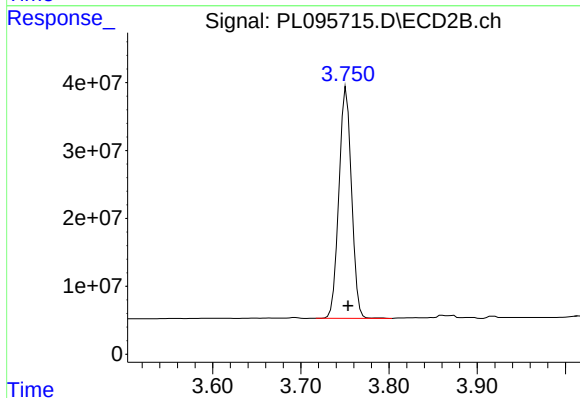
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 290570688
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

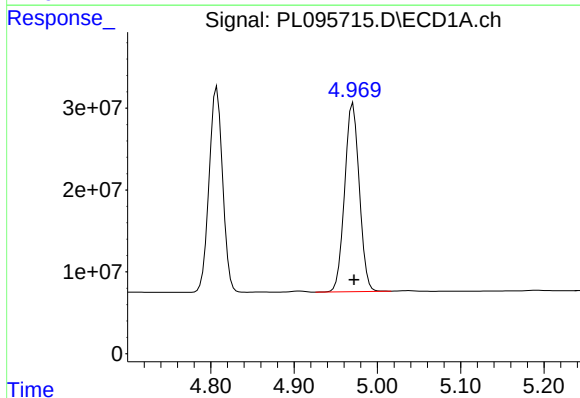
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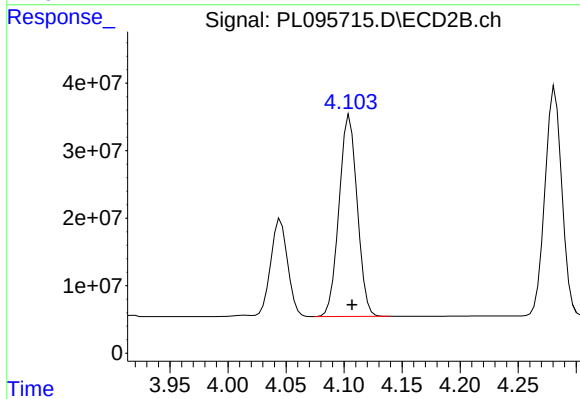
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: -0.002 min
Response: 337831781
Conc: 50.03 ng/ml



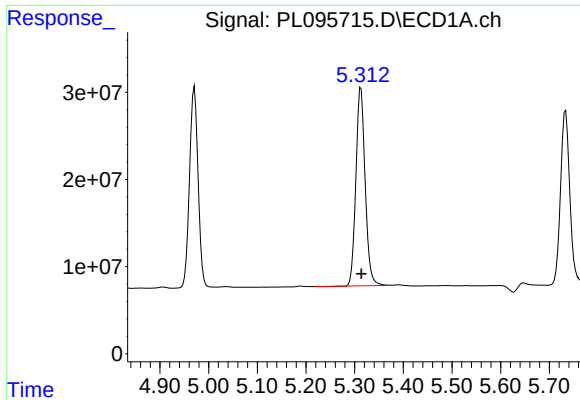
#4 Heptachlor

R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 280883804
Conc: 51.58 ng/ml



#4 Heptachlor

R.T.: 4.105 min
Delta R.T.: -0.002 min
Response: 325481858
Conc: 49.89 ng/ml



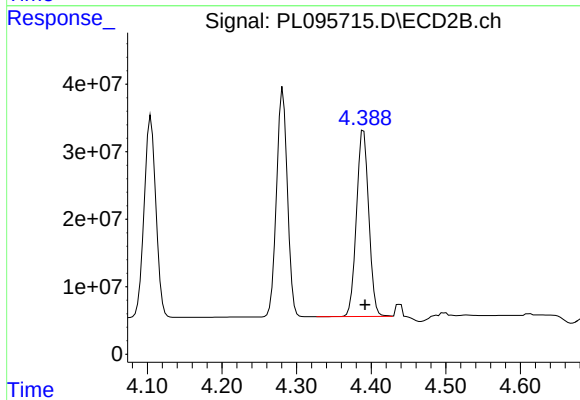
#5 Aldrin

R.T.: 5.313 min
Delta R.T.: -0.001 min
Response: 301183553
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

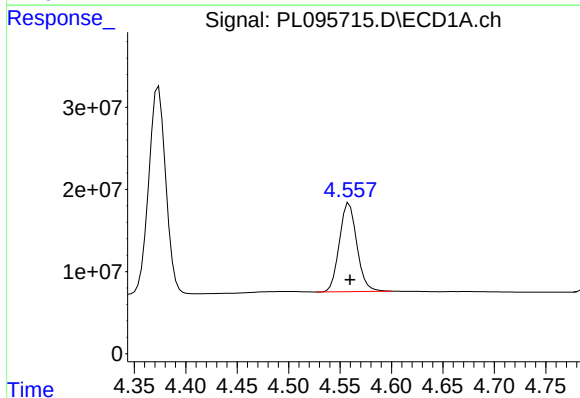
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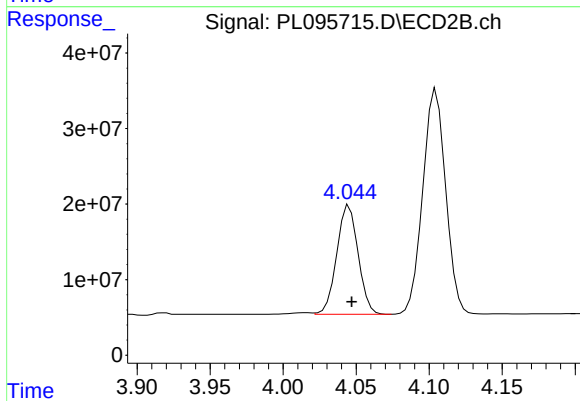
#5 Aldrin

R.T.: 4.390 min
Delta R.T.: -0.002 min
Response: 317417135
Conc: 49.77 ng/ml



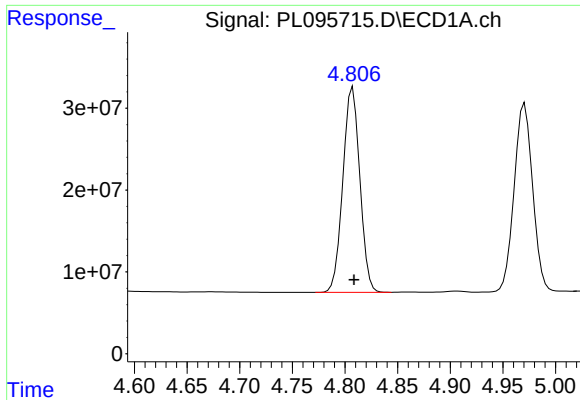
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 127770497
Conc: 52.17 ng/ml



#6 beta-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 146986313
Conc: 48.72 ng/ml



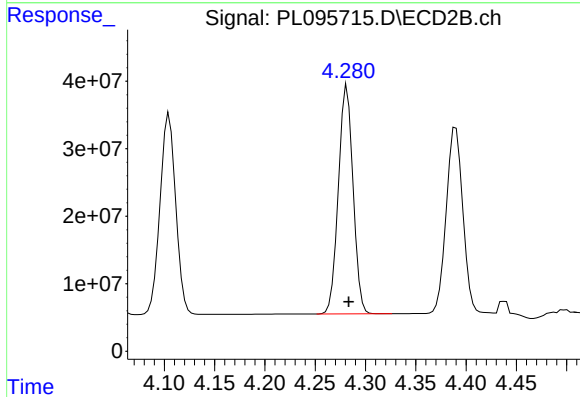
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.001 min
Response: 282747015
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

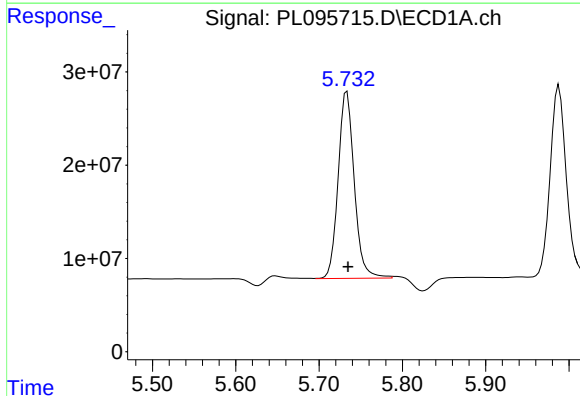
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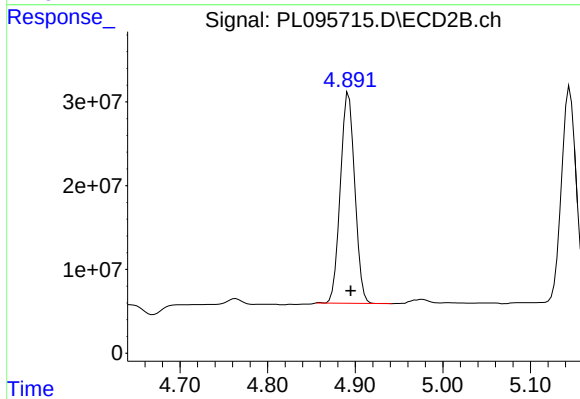
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 343415215
Conc: 50.45 ng/ml



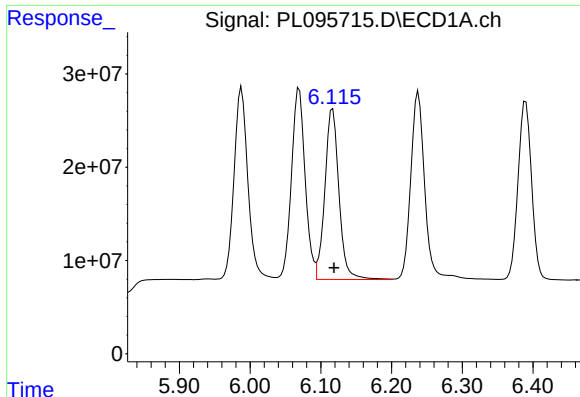
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 270107406
Conc: 52.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 288093293
Conc: 49.85 ng/ml



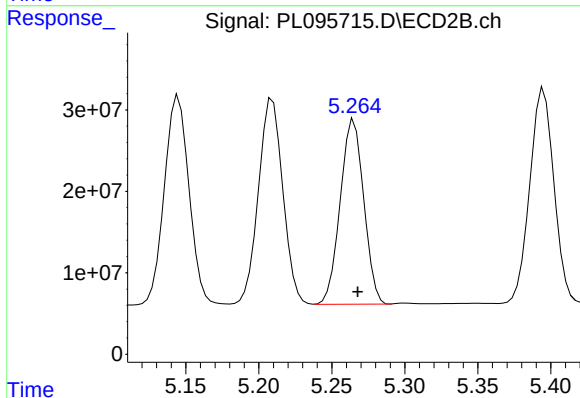
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.002 min
Response: 254221570
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

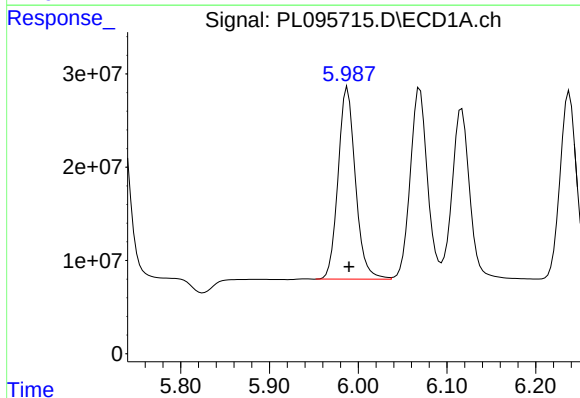
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Supervised By :mohammad ahmed 05/20/2025



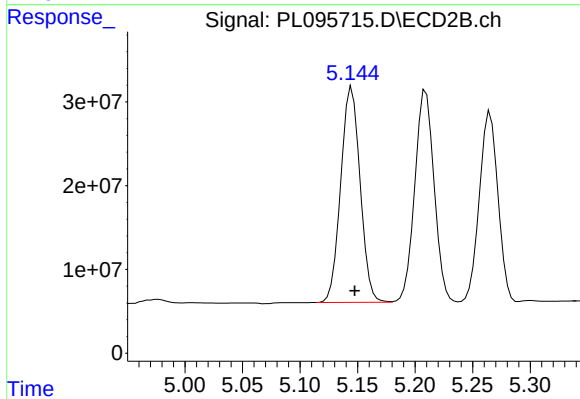
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 254142187
Conc: 49.14 ng/ml



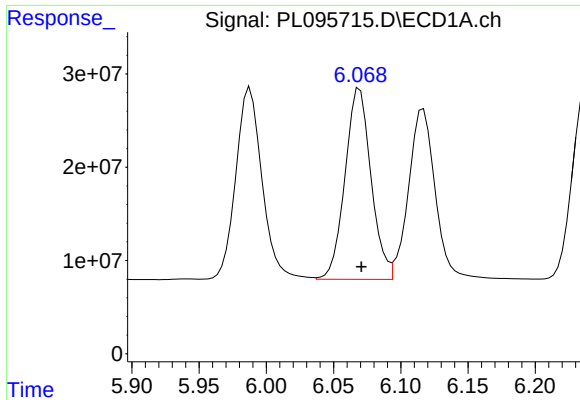
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 279294162
Conc: 52.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 302544170
Conc: 50.79 ng/ml



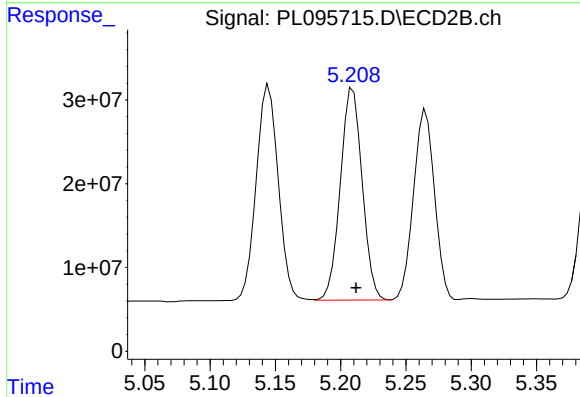
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 275693770
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

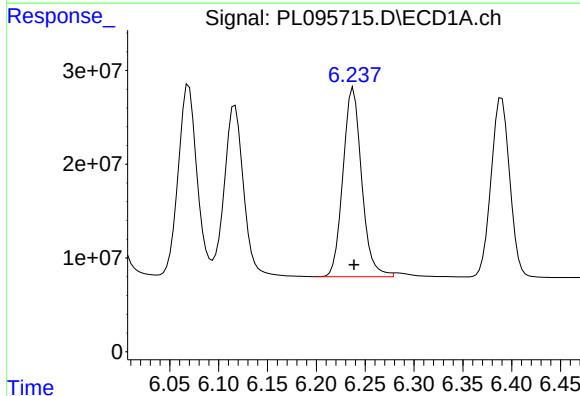
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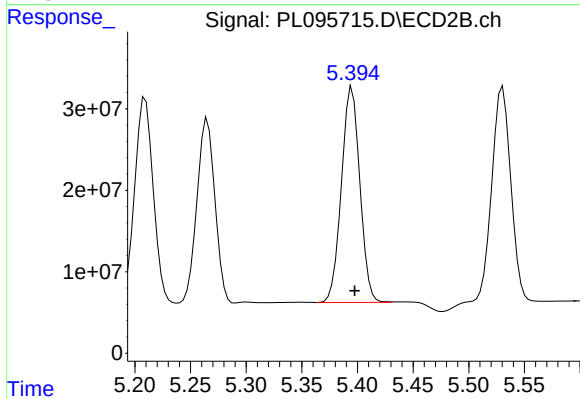
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 294943265
Conc: 49.97 ng/ml



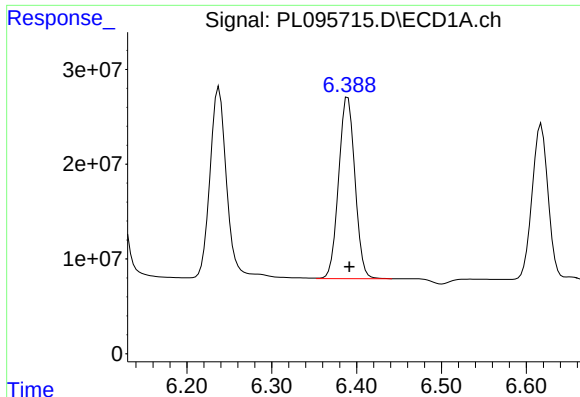
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 268893682
Conc: 52.53 ng/ml m



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.004 min
Response: 304662203
Conc: 51.05 ng/ml m



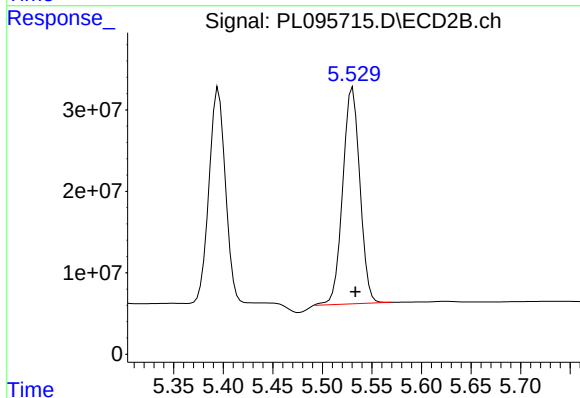
#13 Dieldrin

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 255168021
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

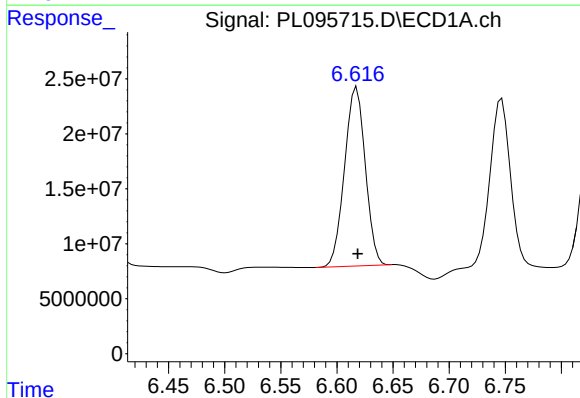
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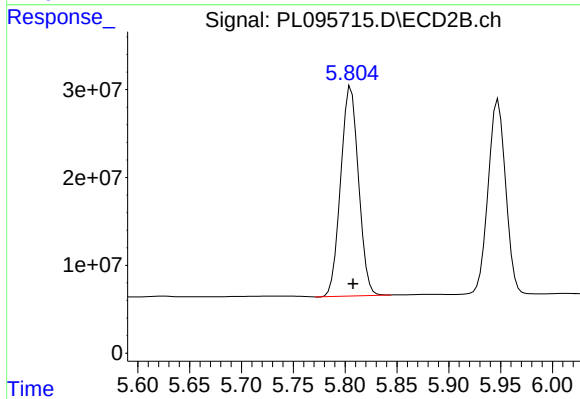
#13 Dieldrin

R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 320231875
Conc: 52.05 ng/ml



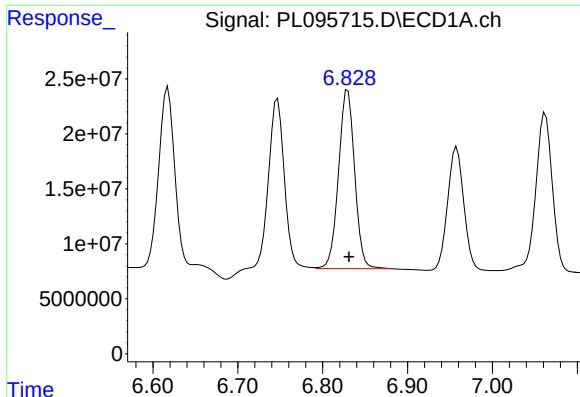
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 209449833
Conc: 54.68 ng/ml



#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 285602126
Conc: 53.61 ng/ml



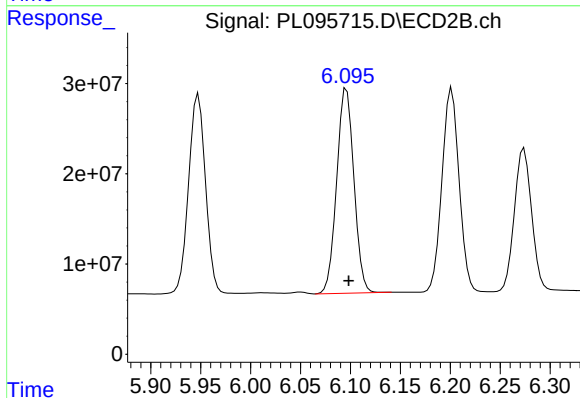
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.002 min
Response: 214343170
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

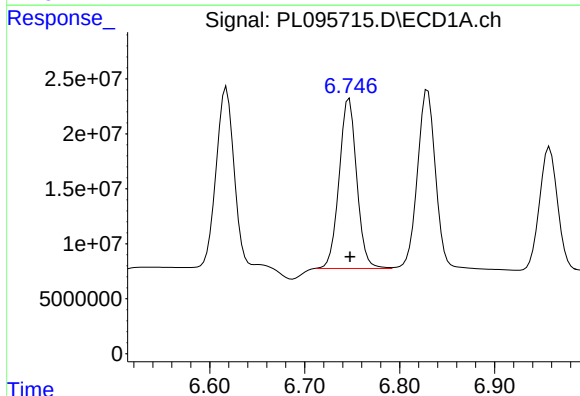
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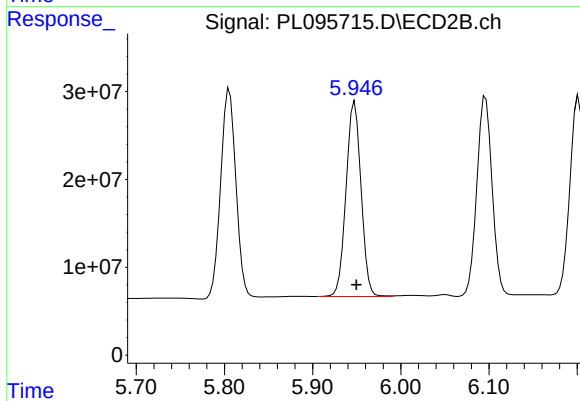
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 272899042
Conc: 49.83 ng/ml



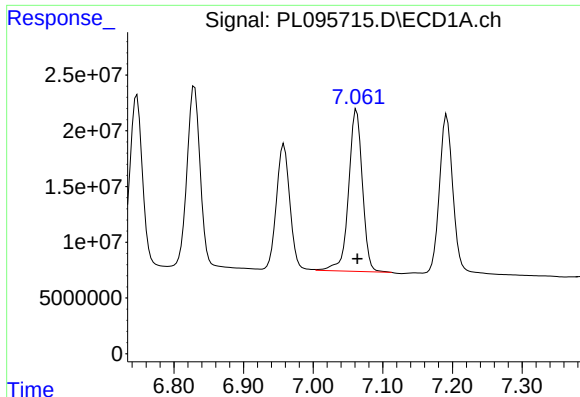
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 199567224
Conc: 51.36 ng/ml



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 262714458
Conc: 51.08 ng/ml



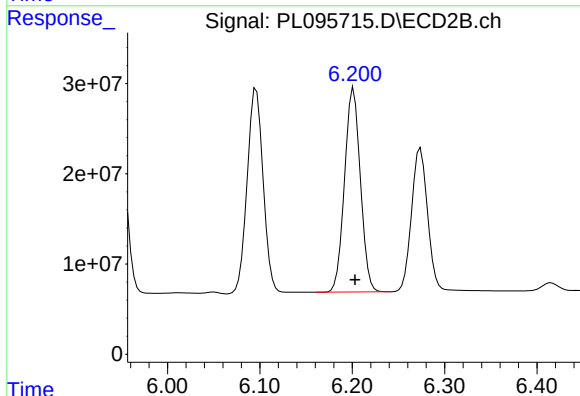
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 199715189
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

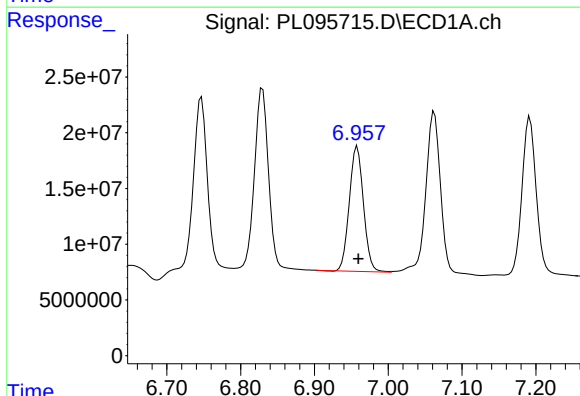
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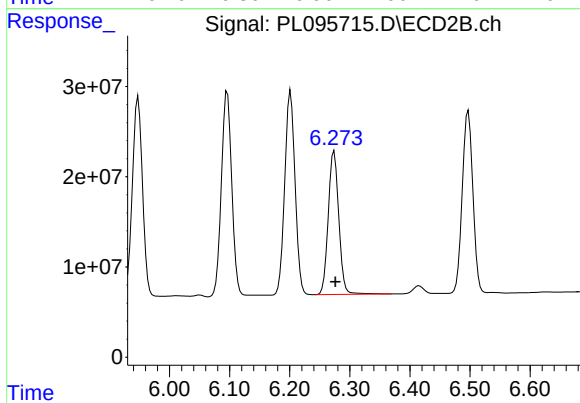
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 269262612
Conc: 53.65 ng/ml



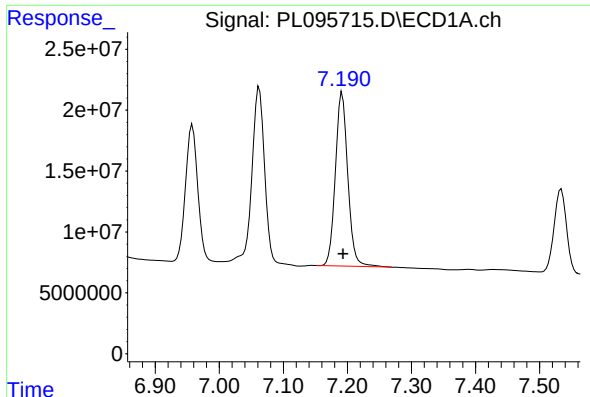
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 149315198
Conc: 50.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 194364898
Conc: 50.76 ng/ml



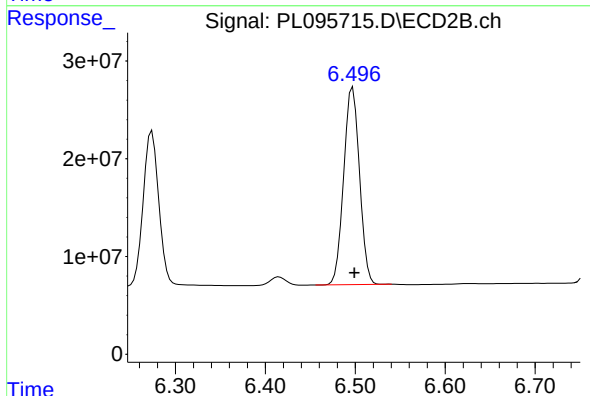
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: -0.001 min
Response: 192024344
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

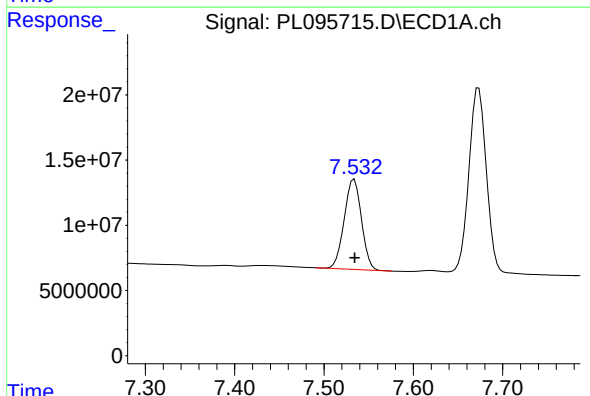
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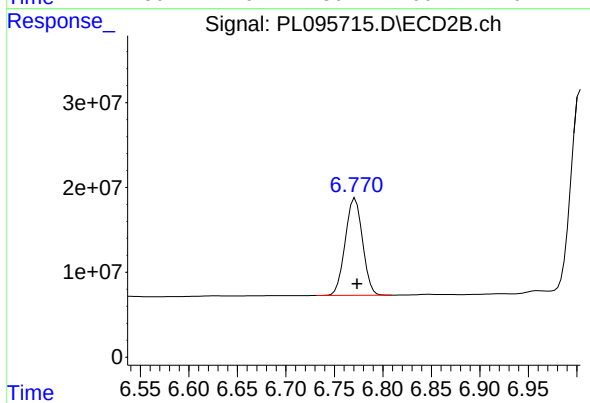
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 247168645
Conc: 49.71 ng/ml



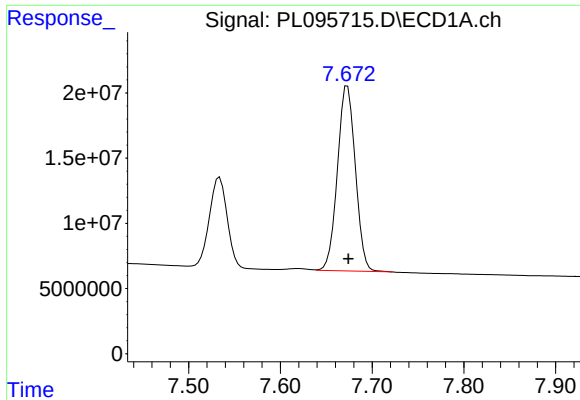
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 92705580
Conc: 54.98 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 142269390
Conc: 52.58 ng/ml



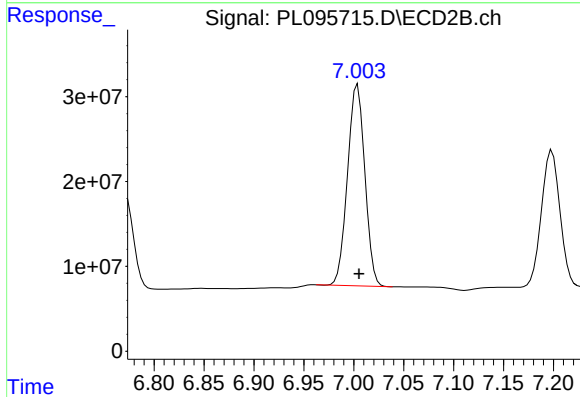
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 192805387
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

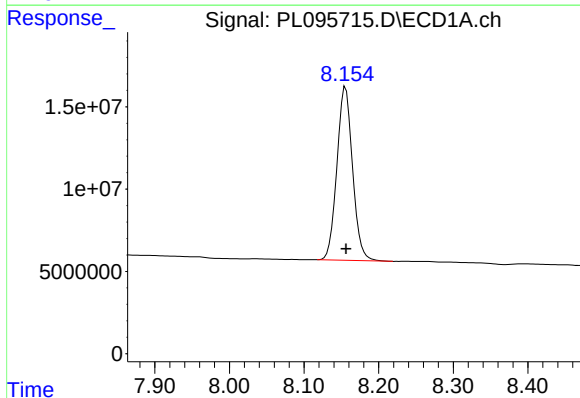
Manual Integrations
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Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



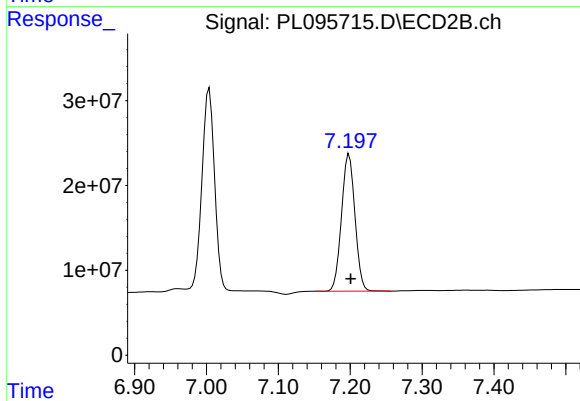
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 286637890
Conc: 48.78 ng/ml



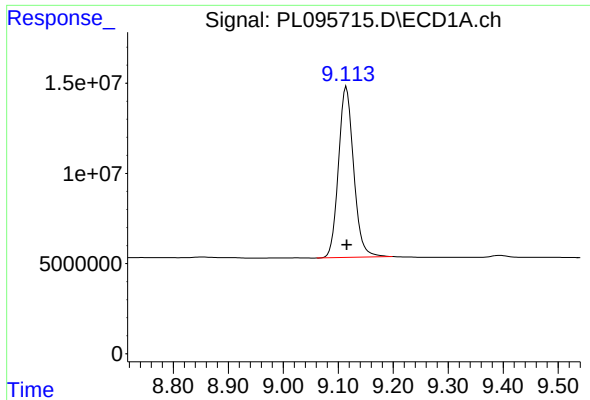
#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 153598528
Conc: 50.45 ng/ml



#22 Mirex

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 209619013
Conc: 48.62 ng/ml



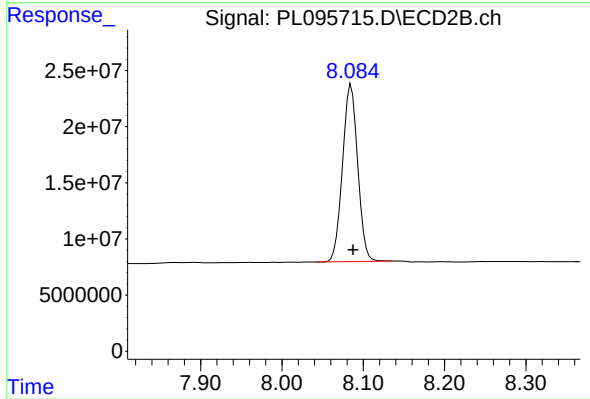
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 181750202
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 203720151
Conc: 49.39 ng/ml