

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050525\
 Data File : PL095524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2025 11:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/05/2025
 Supervised By : mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 23:07:50 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...	3.600	2.909	144.5E6	159.4E6	44.262m	50.133
28)	SA Decachlor...	9.131	8.091	117.7E6	138.4E6	42.477	46.754
Target Compounds							
2)	A alpha-BHC	4.052	3.419	210.3E6	242.1E6	42.452	54.418 #
3)	MA gamma-BHC...	4.384	3.753	200.7E6	230.2E6	42.405	52.348
4)	MA Heptachlor	4.982	4.107	193.7E6	223.7E6	42.341	51.337
5)	MB Aldrin	5.325	4.391	204.8E6	218.4E6	44.594	53.064m
6)	B beta-BHC	4.570	4.047	86939288	103.1E6	42.050	49.662
7)	B delta-BHC	4.817	4.283	195.1E6	233.1E6	41.957m	53.184 #
8)	B Heptachlo...	5.744	4.896	184.0E6	201.1E6	45.935m	52.073
9)	A Endosulfan I	6.128	5.269	170.2E6	178.6E6	44.828m	48.794
10)	B gamma-Chl...	5.998	5.148	188.1E6	215.0E6	46.107m	53.061
11)	B alpha-Chl...	6.079	5.213	185.5E6	210.2E6	45.616m	52.792
12)	B 4,4'-DDE	6.248	5.398	171.9E6	208.1E6	43.841m	51.178m
13)	MA Dieldrin	6.402	5.533	174.8E6	217.9E6	45.338	53.580m
14)	MA Endrin	6.628	5.809	141.2E6	192.1E6	44.344m	52.764
15)	B Endosulfa...	6.840	6.098	147.0E6	194.3E6	46.037m	54.119m
16)	A 4,4'-DDD	6.758	5.952	137.2E6	179.3E6	48.452m	54.893
17)	MA 4,4'-DDT	7.073	6.206	122.8E6	178.4E6	43.126m	51.920
18)	B Endrin al...	6.969	6.278	104.9E6	136.2E6	45.204m	52.108
19)	B Endosulfa...	7.204	6.501	129.8E6	172.8E6	46.311	52.070
20)	A Methoxychlor	7.545	6.775	59490346	95817462	42.641	50.234m
21)	B Endrin ke...	7.685	7.008	132.3E6	199.9E6	46.401	56.768
22)	Mirex	8.167	7.202	109.6E6	147.4E6	46.116	51.139m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050525\
Data File : PL095524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

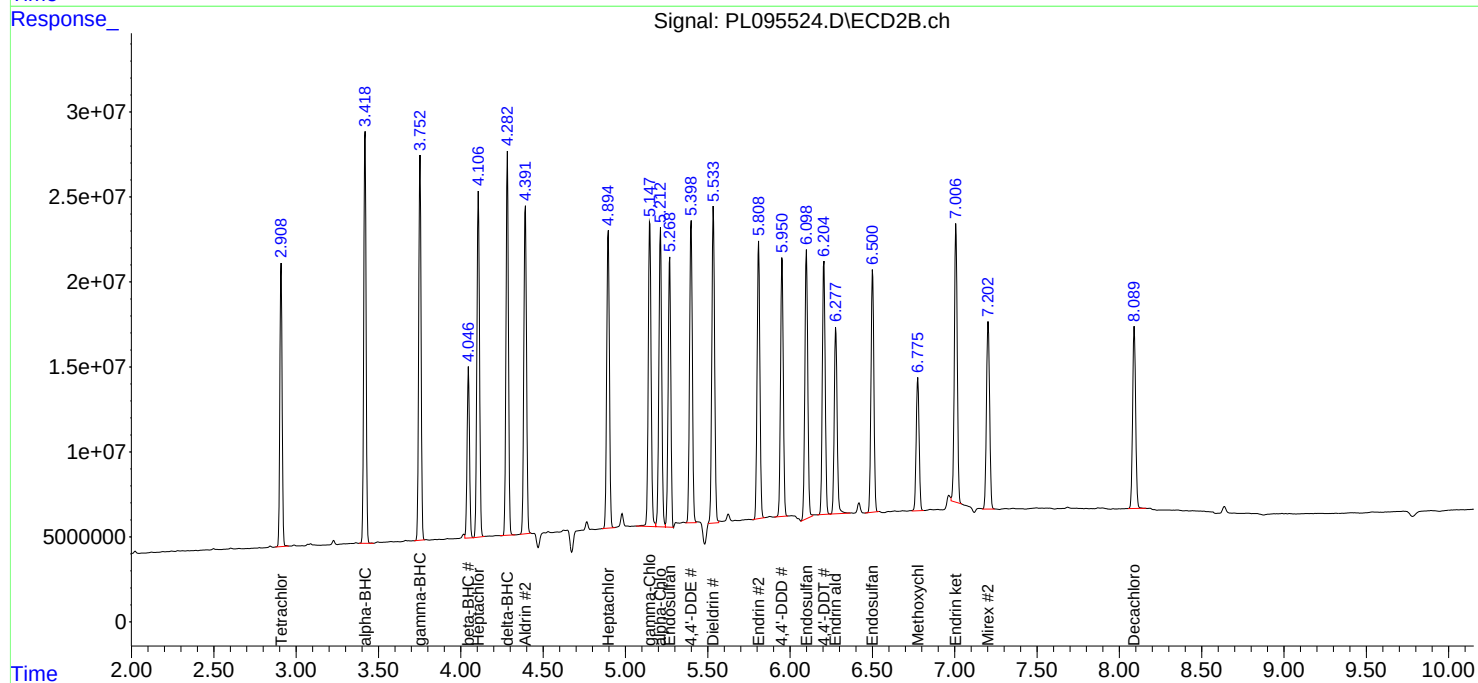
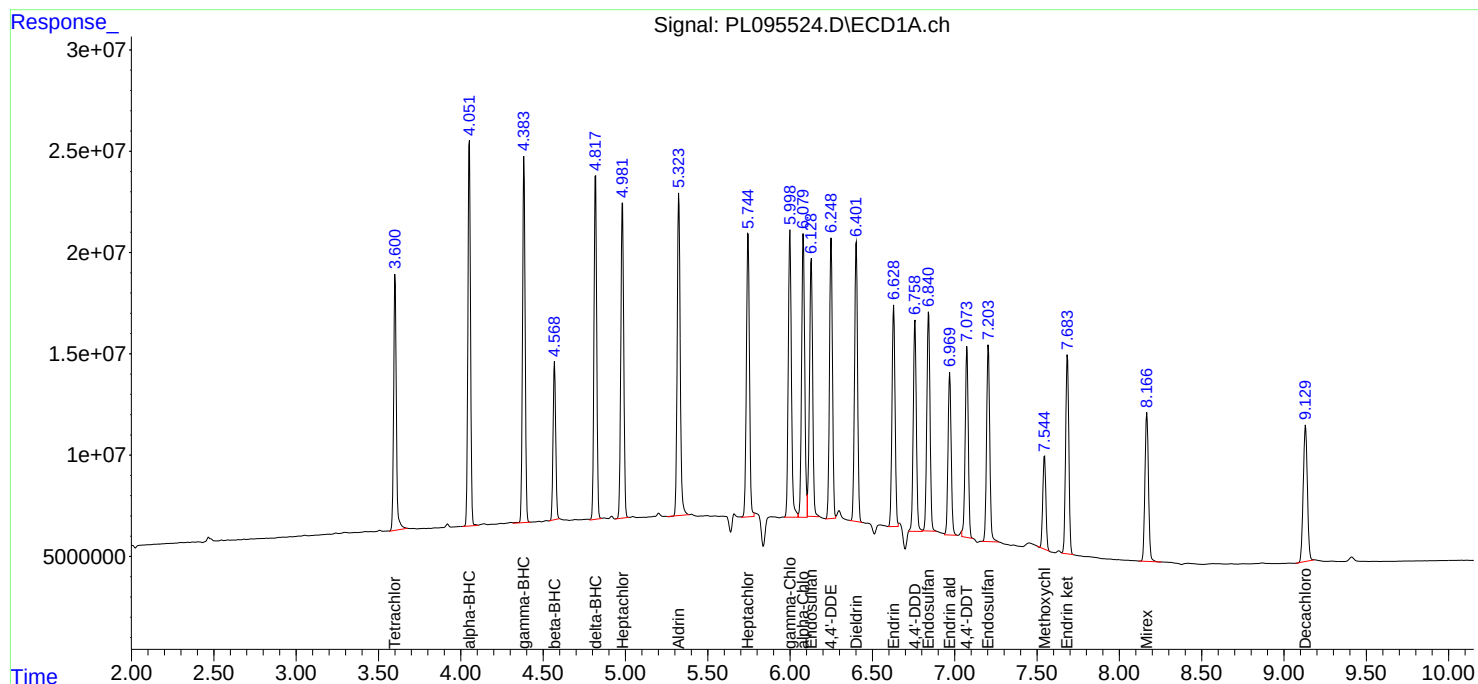
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

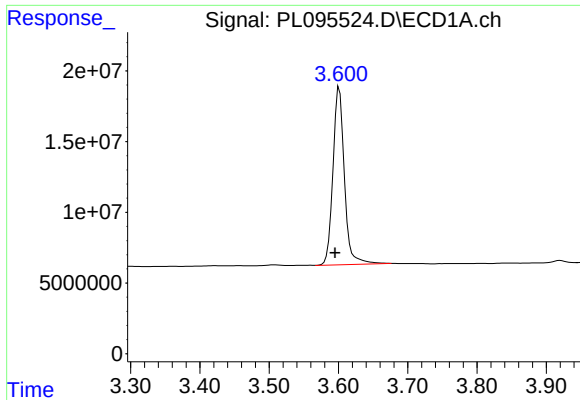
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:07:50 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





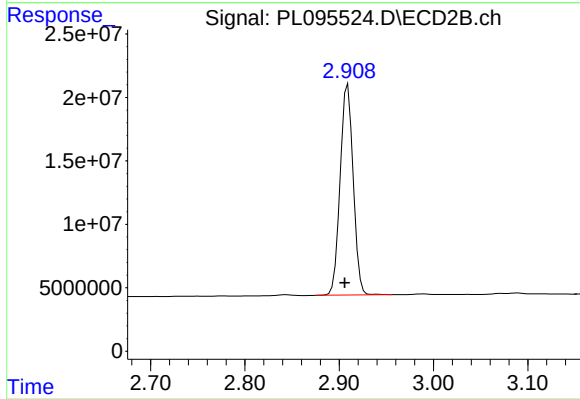
#1 Tetrachloro-m-xylene

R.T.: 3.600 min
Delta R.T.: 0.005 min
Response: 144502420
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

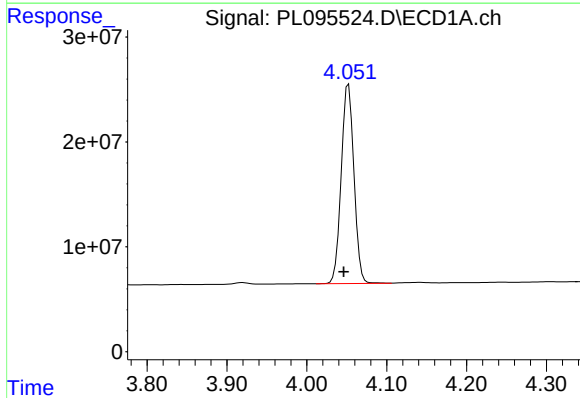
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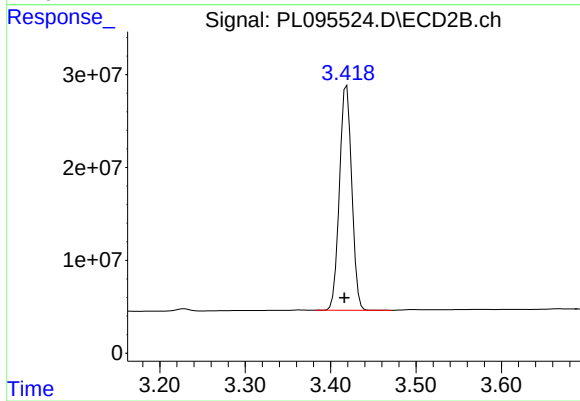
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.003 min
Response: 159411710
Conc: 50.13 ng/ml



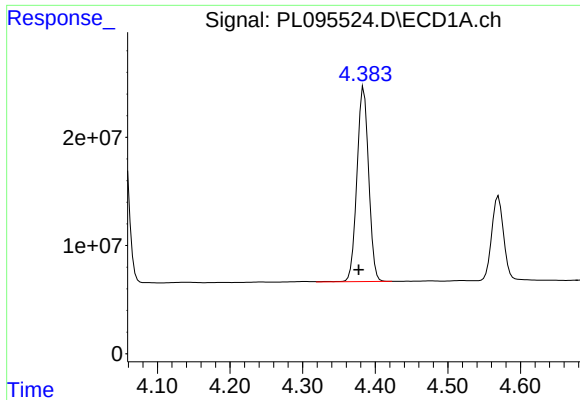
#2 alpha-BHC

R.T.: 4.052 min
Delta R.T.: 0.006 min
Response: 210297493
Conc: 42.45 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 242090037
Conc: 54.42 ng/ml



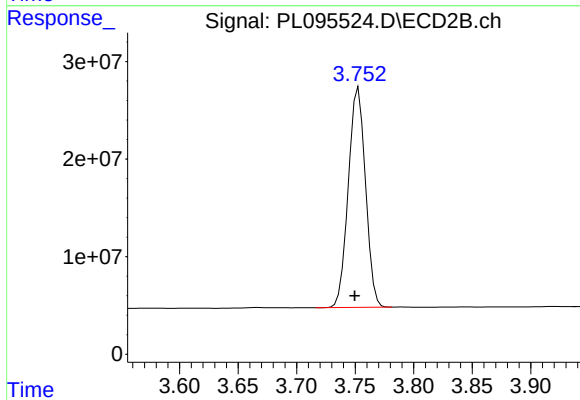
#3 gamma-BHC (Lindane)

R.T.: 4.384 min
Delta R.T.: 0.007 min
Response: 200744041
Conc: 42.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

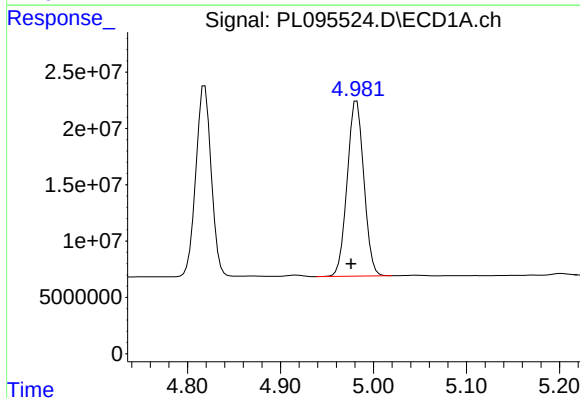
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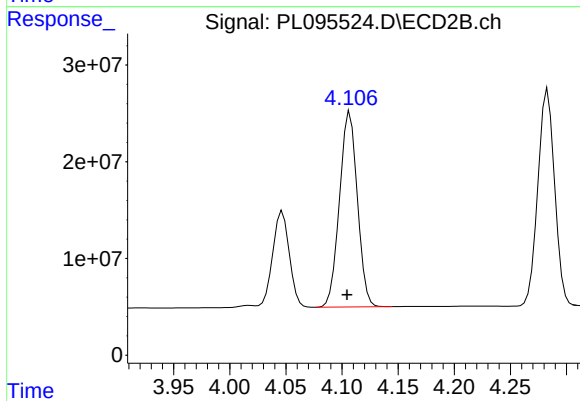
#3 gamma-BHC (Lindane)

R.T.: 3.753 min
Delta R.T.: 0.003 min
Response: 230237325
Conc: 52.35 ng/ml



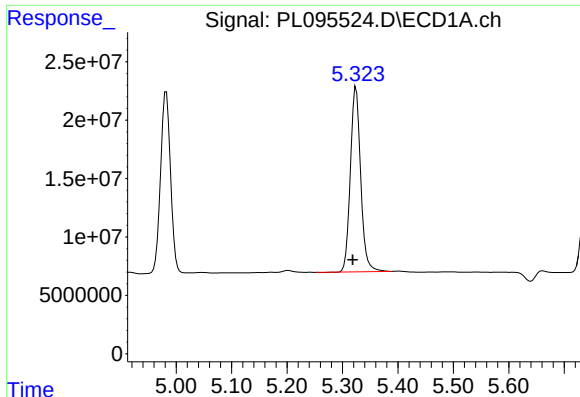
#4 Heptachlor

R.T.: 4.982 min
Delta R.T.: 0.006 min
Response: 193689221
Conc: 42.34 ng/ml



#4 Heptachlor

R.T.: 4.107 min
Delta R.T.: 0.003 min
Response: 223659376
Conc: 51.34 ng/ml



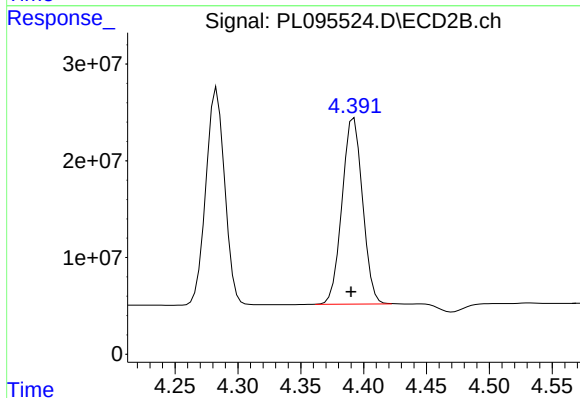
#5 Aldrin

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 204819384
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

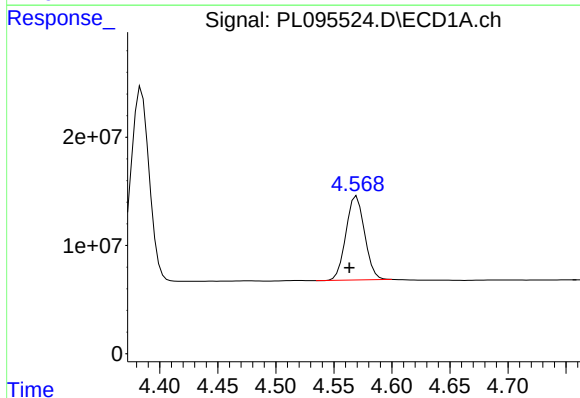
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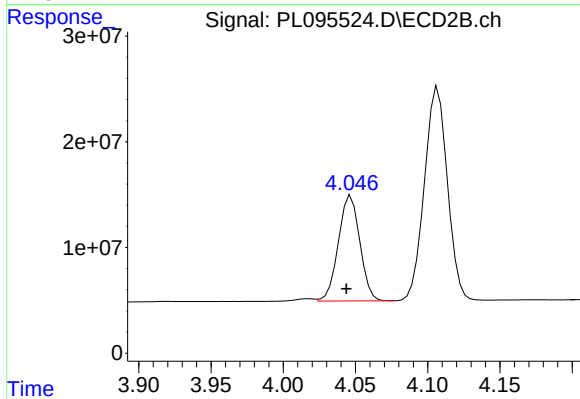
#5 Aldrin

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 218393917
Conc: 53.06 ng/ml m



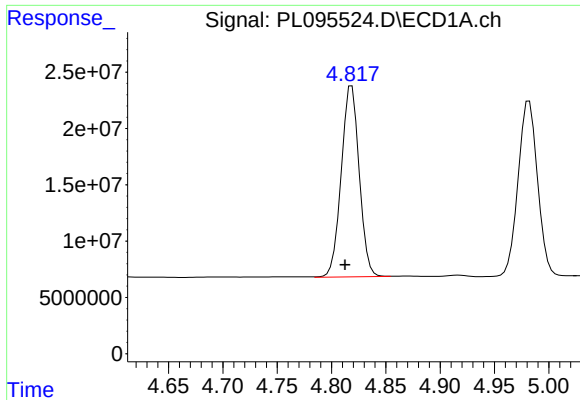
#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: 0.006 min
Response: 86939288
Conc: 42.05 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 103091887
Conc: 49.66 ng/ml



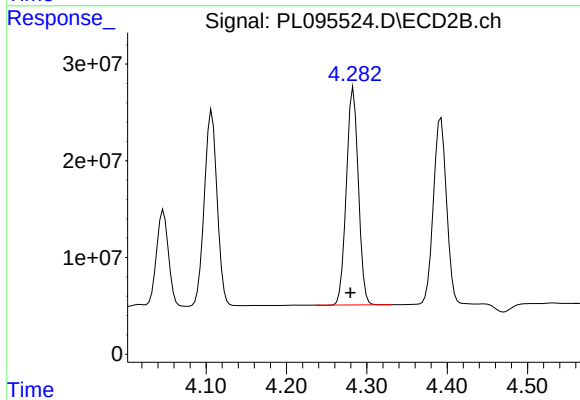
#7 delta-BHC

R.T.: 4.817 min
Delta R.T.: 0.005 min
Response: 195128458
Conc: 41.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

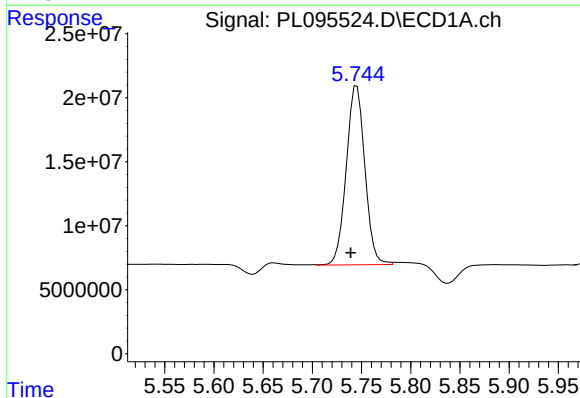
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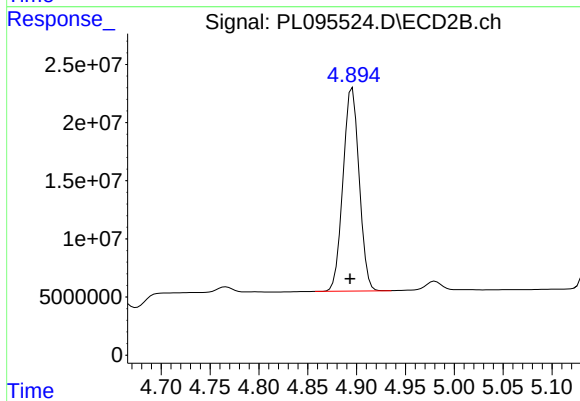
#7 delta-BHC

R.T.: 4.283 min
Delta R.T.: 0.004 min
Response: 233052163
Conc: 53.18 ng/ml



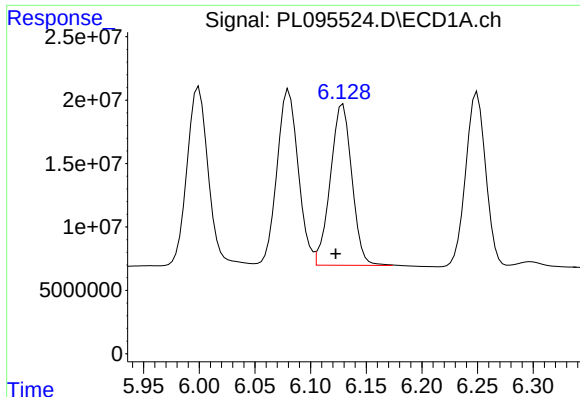
#8 Heptachlor epoxide

R.T.: 5.744 min
Delta R.T.: 0.005 min
Response: 183975878
Conc: 45.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 201141891
Conc: 52.07 ng/ml



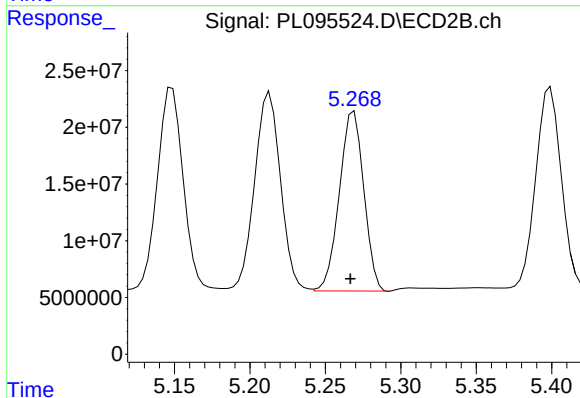
#9 Endosulfan I

R.T.: 6.128 min
Delta R.T.: 0.005 min
Response: 170234000
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

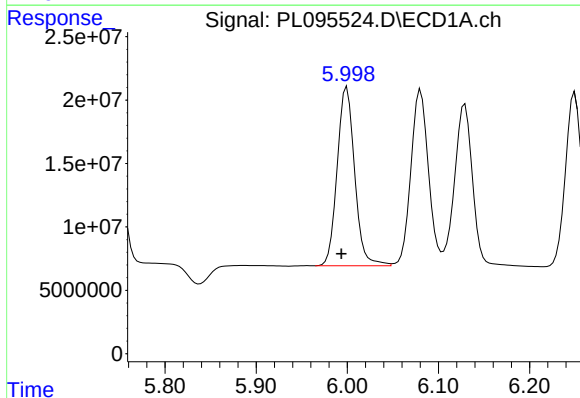
Manual Integrations
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Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



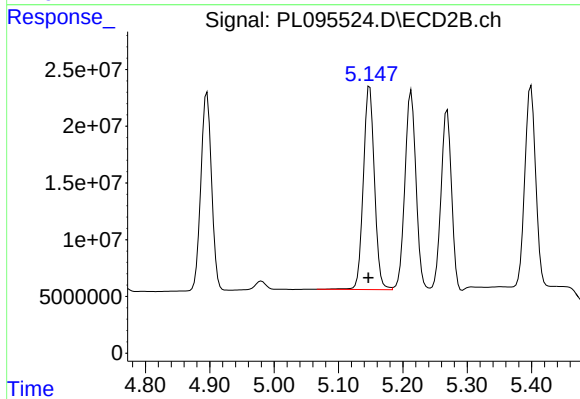
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 178607971
Conc: 48.79 ng/ml



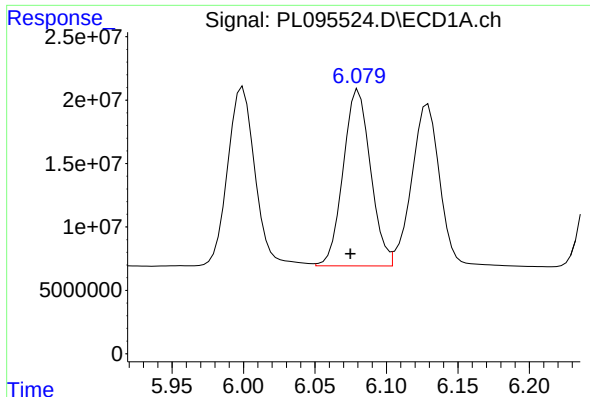
#10 gamma-Chlordane

R.T.: 5.998 min
Delta R.T.: 0.005 min
Response: 188085664
Conc: 46.11 ng/ml m



#10 gamma-Chlordane

R.T.: 5.148 min
Delta R.T.: 0.002 min
Response: 215038870
Conc: 53.06 ng/ml



#11 alpha-Chlordane

R.T.: 6.079 min
Delta R.T.: 0.004 min
Response: 185478636
Conc: 45.62 ng/ml

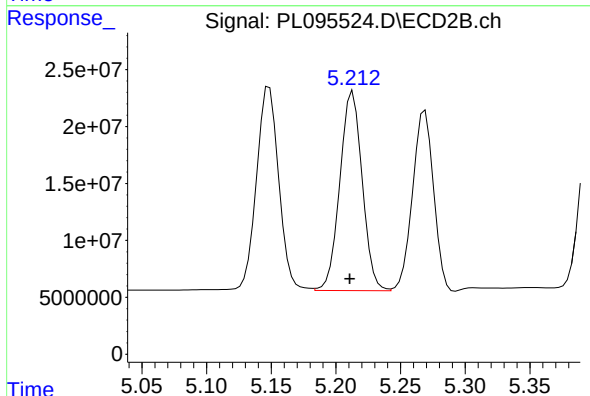
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Mirza

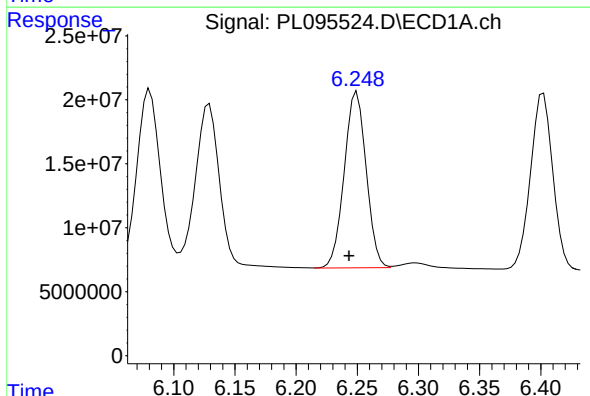
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



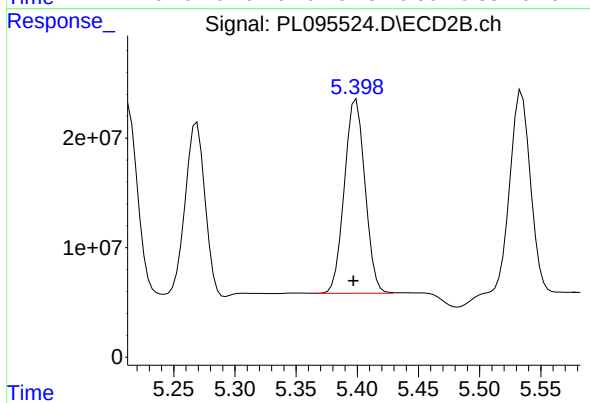
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 210170101
Conc: 52.79 ng/ml



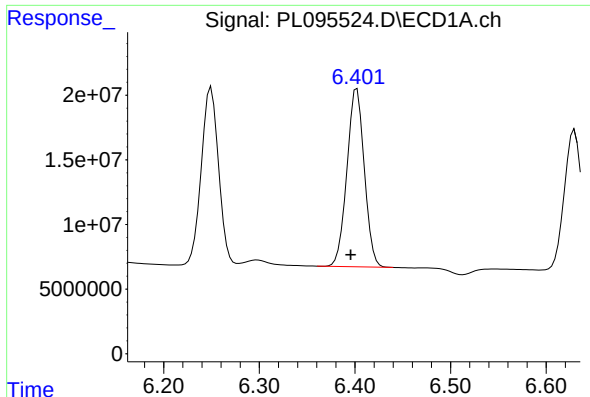
#12 4,4'-DDE

R.T.: 6.248 min
Delta R.T.: 0.005 min
Response: 171882021
Conc: 43.84 ng/ml m



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 208139824
Conc: 51.18 ng/ml m



#13 Dieldrin

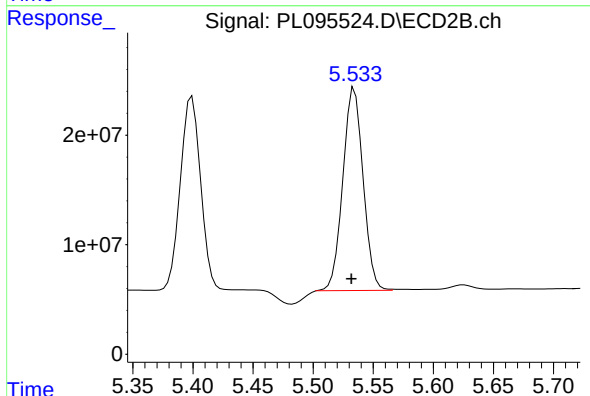
R.T.: 6.402 min
Delta R.T.: 0.007 min
Response: 174768356
Conc: 45.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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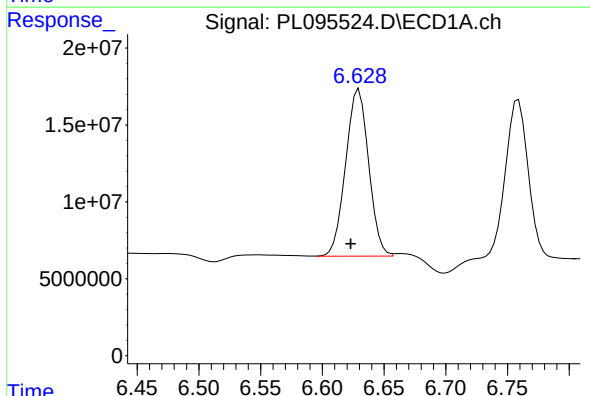
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



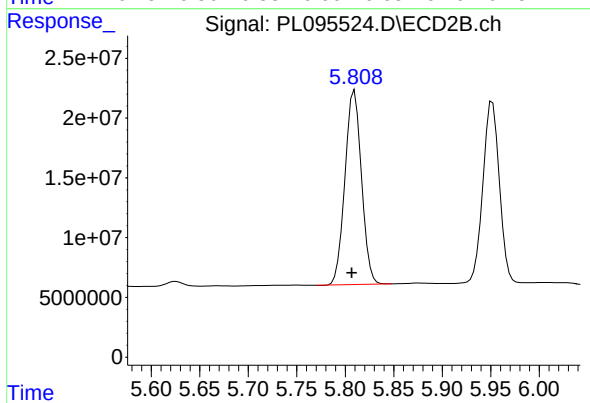
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.001 min
Response: 217914626
Conc: 53.58 ng/ml m



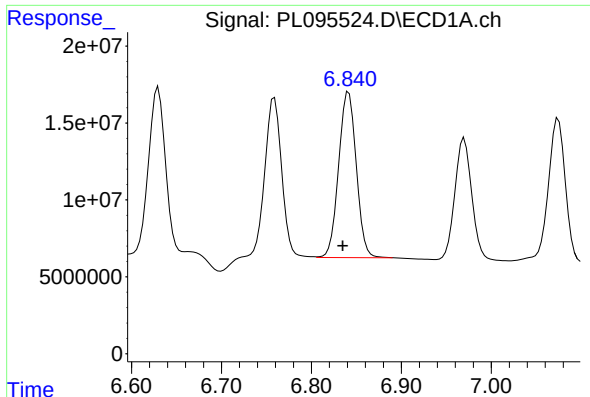
#14 Endrin

R.T.: 6.628 min
Delta R.T.: 0.005 min
Response: 141224730
Conc: 44.34 ng/ml m



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 192097756
Conc: 52.76 ng/ml



#15 Endosulfan II

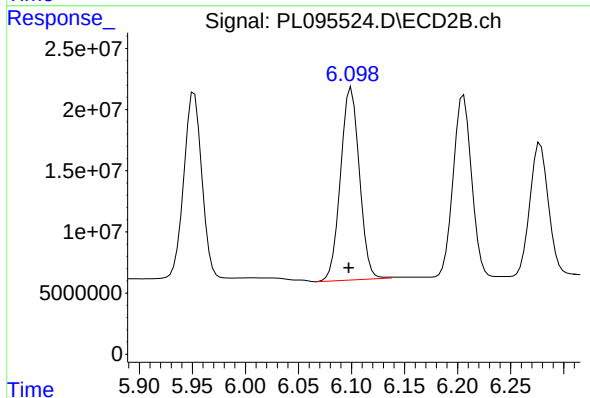
R.T.: 6.840 min
Delta R.T.: 0.005 min
Response: 146955964
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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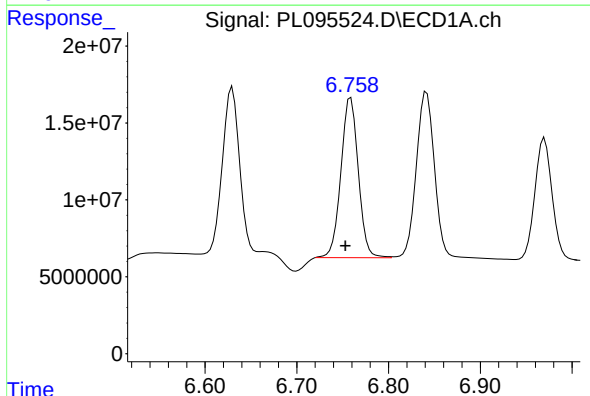
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



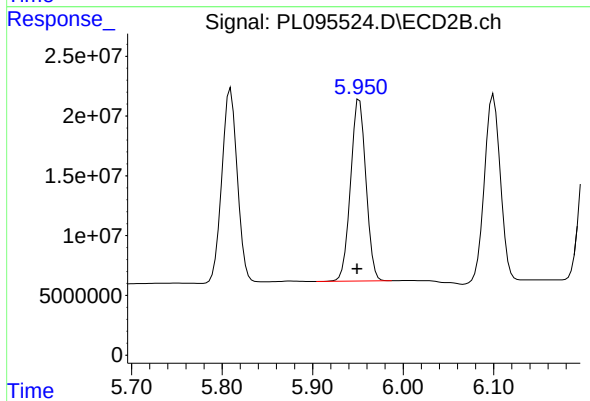
#15 Endosulfan II

R.T.: 6.098 min
Delta R.T.: 0.001 min
Response: 194345491
Conc: 54.12 ng/ml m



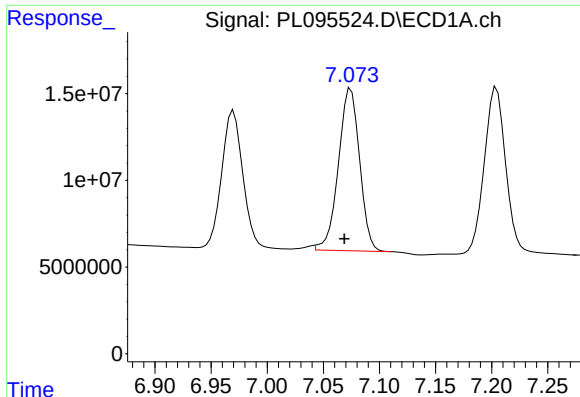
#16 4,4'-DDD

R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 137166072
Conc: 48.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 179324680
Conc: 54.89 ng/ml



#17 4,4'-DDT

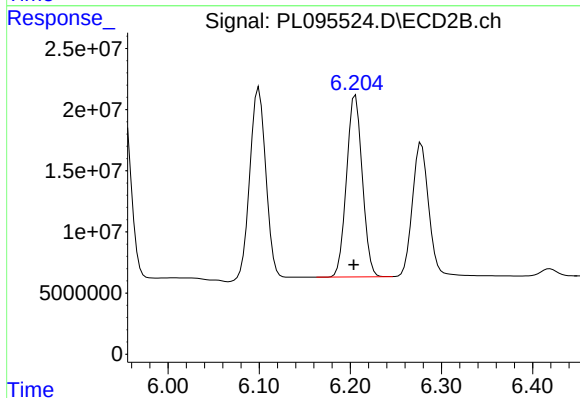
R.T.: 7.073 min
Delta R.T.: 0.005 min
Response: 122847710
Conc: 43.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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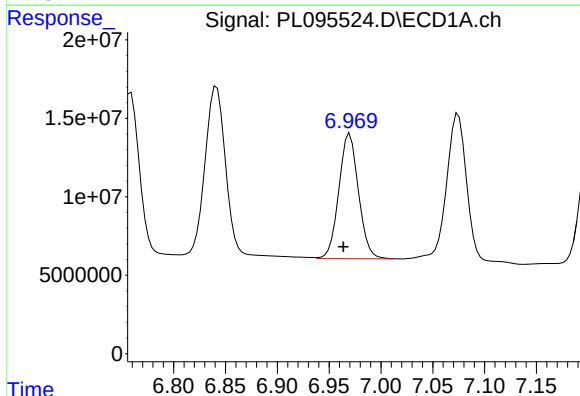
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



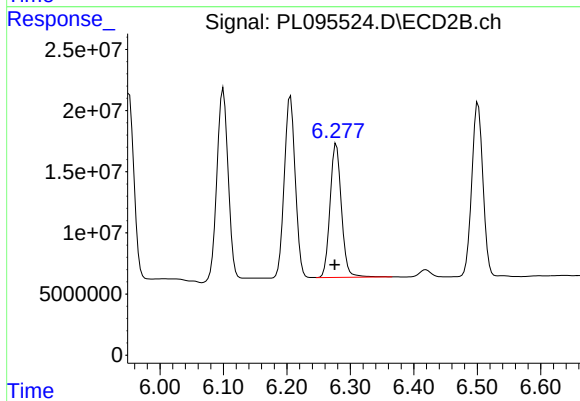
#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 178405048
Conc: 51.92 ng/ml



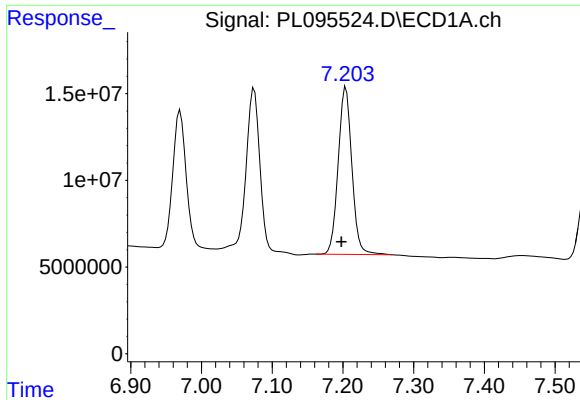
#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.005 min
Response: 104909289
Conc: 45.20 ng/ml m



#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 136167153
Conc: 52.11 ng/ml



#19 Endosulfan Sulfate

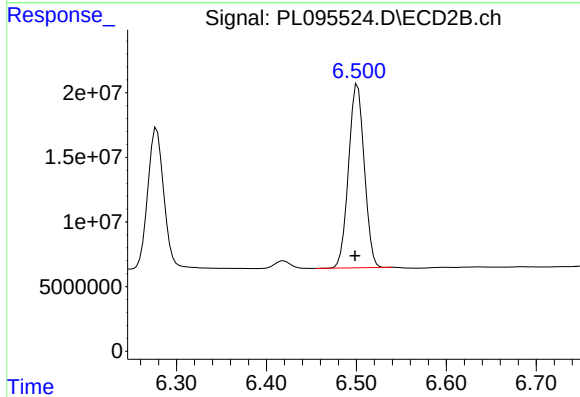
R.T.: 7.204 min
Delta R.T.: 0.006 min
Response: 129752595
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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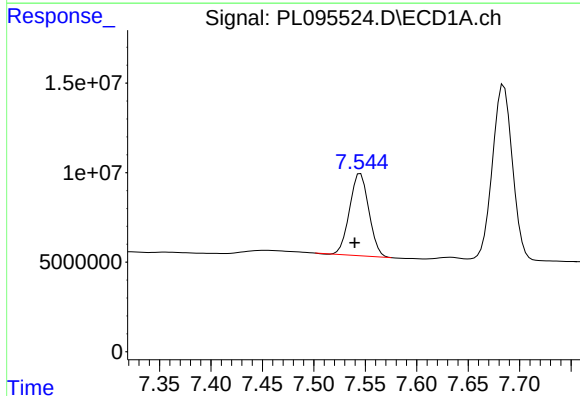
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



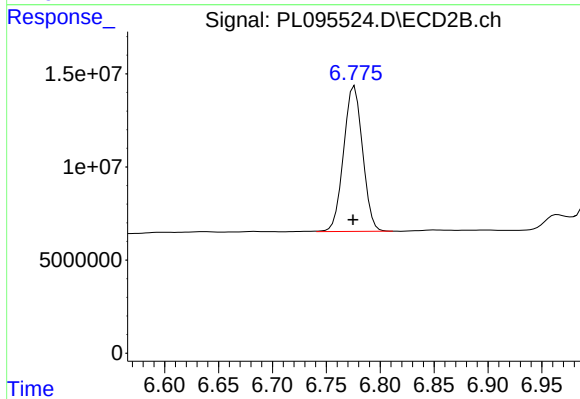
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.003 min
Response: 172764121
Conc: 52.07 ng/ml



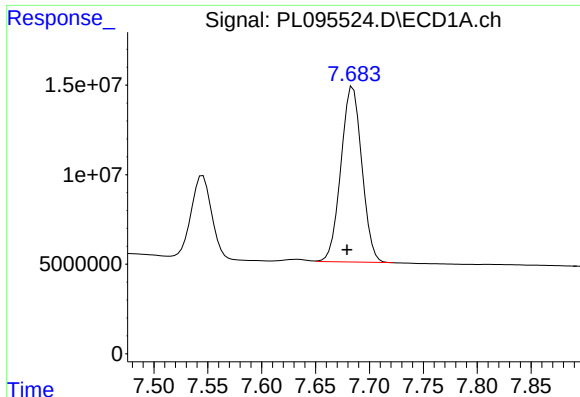
#20 Methoxychlor

R.T.: 7.545 min
Delta R.T.: 0.006 min
Response: 59490346
Conc: 42.64 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 95817462
Conc: 50.23 ng/ml m



#21 Endrin ketone

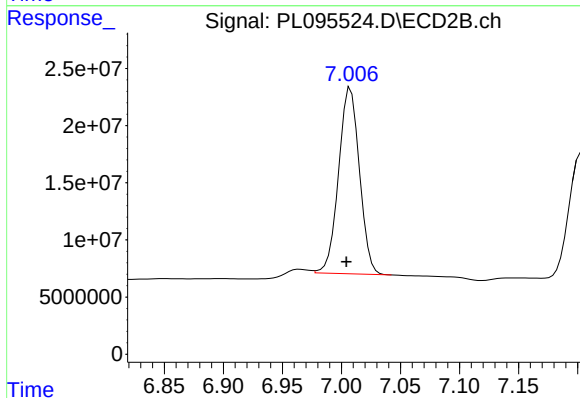
R.T.: 7.685 min
Delta R.T.: 0.005 min
Response: 132283575
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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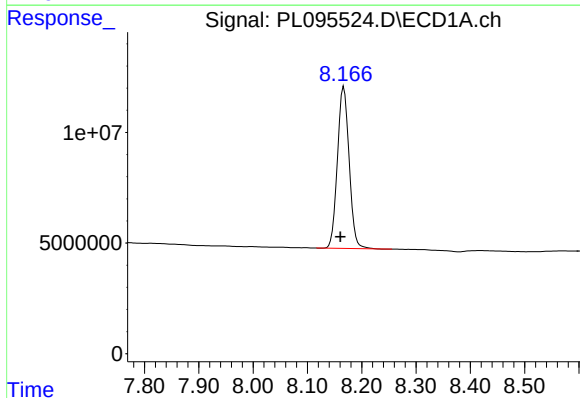
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



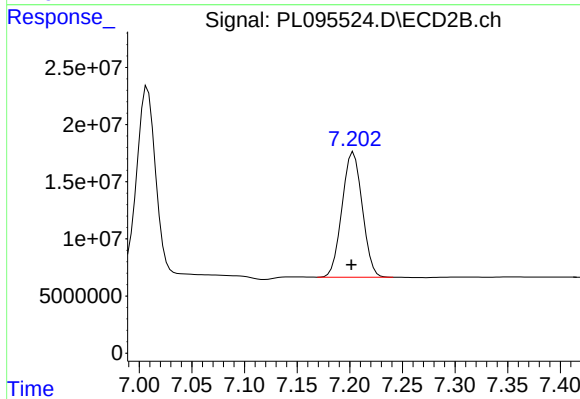
#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 199896321
Conc: 56.77 ng/ml



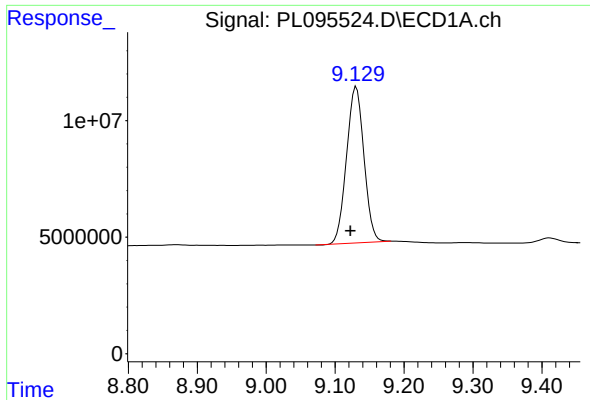
#22 Mirex

R.T.: 8.167 min
Delta R.T.: 0.006 min
Response: 109573762
Conc: 46.12 ng/ml



#22 Mirex

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 147403788
Conc: 51.14 ng/ml m



#28 Decachlorobiphenyl

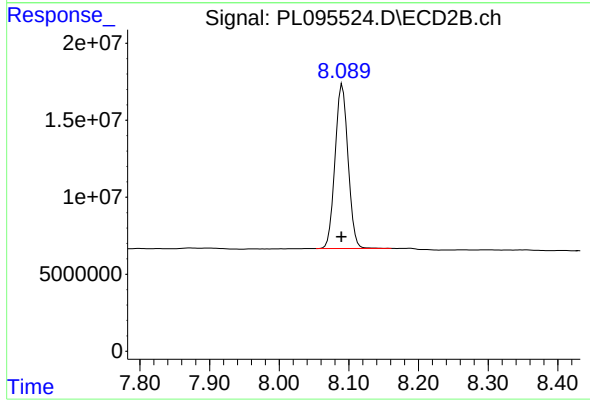
R.T.: 9.131 min
Delta R.T.: 0.009 min
Response: 117696101
Conc: 42.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.001 min
Response: 138358856
Conc: 46.75 ng/ml