

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
 Data File : PL095047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 12:45
 Operator : AR\AJ
 Sample : PB167456BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167456BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/07/2025
 Supervised By : mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:31:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.539	2.769	49227057	62703573	17.391	17.568
28)	SA Decachlor...	9.052	7.901	41904784	70952521	19.884	17.565
Target Compounds							
2)	A alpha-BHC	3.996	3.271	184.9E6	271.2E6	44.517	50.299
3)	MA gamma-BHC...	4.328	3.600	177.6E6	251.3E6	44.514	48.897
4)	MA Heptachlor	4.916	3.938	171.4E6	244.9E6	44.168	46.488
5)	MB Aldrin	5.257	4.217	165.5E6	229.7E6	44.820	47.112
6)	B beta-BHC	4.527	3.901	81864145	108.9E6	44.366	49.045
7)	B delta-BHC	4.772	4.128	185.2E6	241.2E6	47.553m	48.212m
8)	B Heptachlo...	5.683	4.718	153.2E6	219.6E6	45.789	47.955m
9)	A Endosulfan I	6.069	5.089	145.6E6	213.0E6	47.408	48.539
10)	B gamma-Chl...	5.940	4.969	157.1E6	231.4E6	46.639	47.920
11)	B alpha-Chl...	6.018	5.032	155.3E6	228.5E6	47.095	47.880
12)	B 4,4'-DDE	6.192	5.221	154.2E6	233.5E6	52.408	50.241
13)	MA Dieldrin	6.343	5.353	152.8E6	235.2E6	47.767	48.467
14)	MA Endrin	6.574	5.629	127.9E6	209.6E6	46.135	48.023
15)	B Endosulfa...	6.793	5.924	133.5E6	216.3E6	49.172	49.967
16)	A 4,4'-DDD	6.709	5.776	119.5E6	195.5E6	55.157	54.371
17)	MA 4,4'-DDT	7.023	6.027	118.6E6	207.6E6	49.863	51.497
18)	B Endrin al...	6.924	6.103	102.6E6	168.2E6	48.616	49.975
19)	B Endosulfa...	7.158	6.326	115.8E6	206.8E6	47.624	50.776
20)	A Methoxychlor	7.500	6.601	60289472	108.5E6	50.364	51.164
21)	B Endrin ke...	7.643	6.829	132.7E6	244.8E6	50.185	51.302m
22)	Mirex	8.115	7.008	95209890	181.2E6	46.078	47.736m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
Data File : PL095047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2025 12:45
Operator : AR\AJ
Sample : PB167456BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167456BS

Manual Integrations

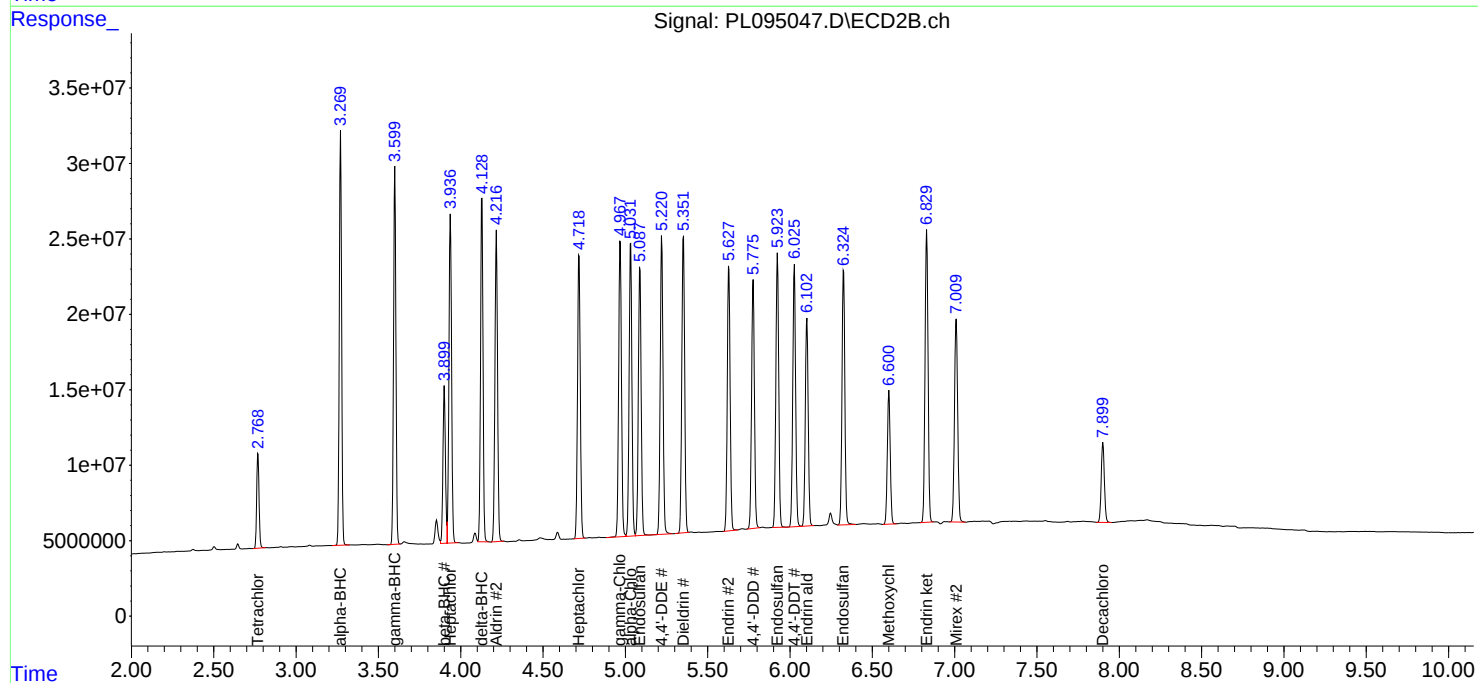
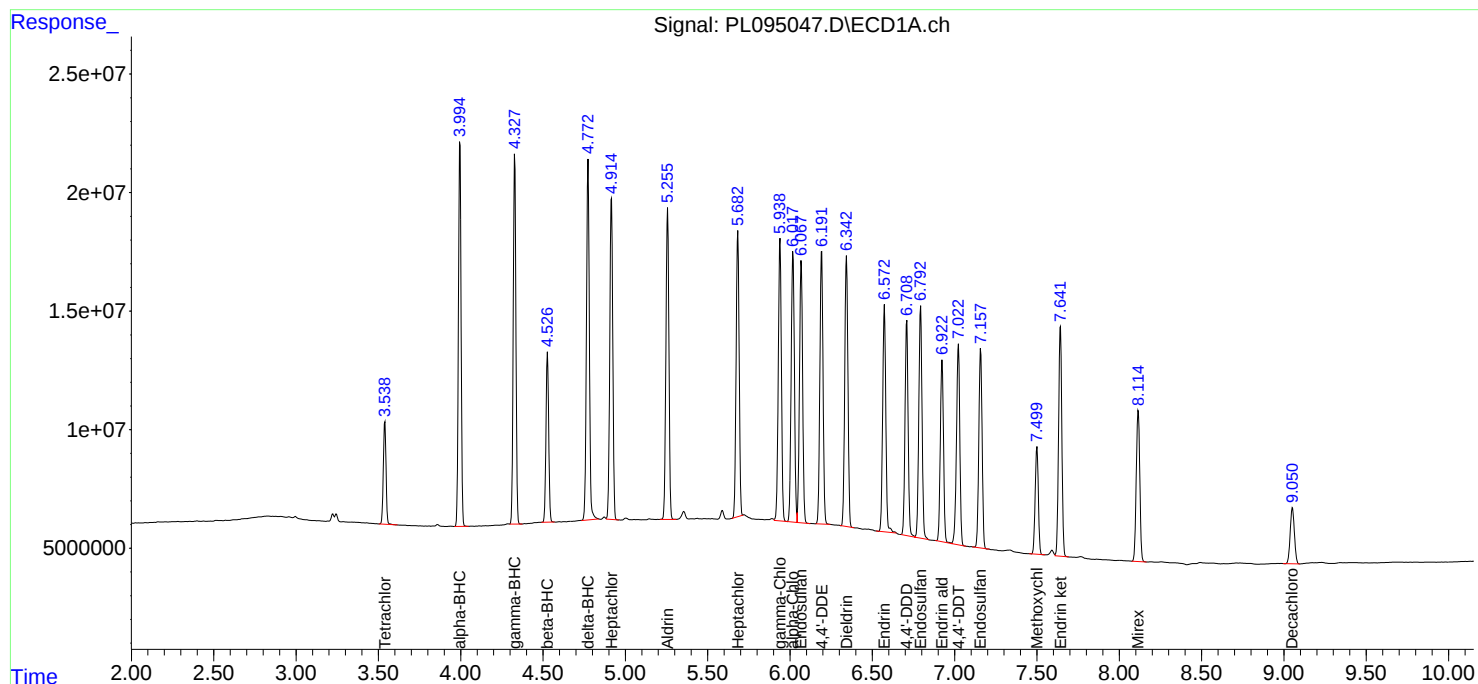
APPROVED

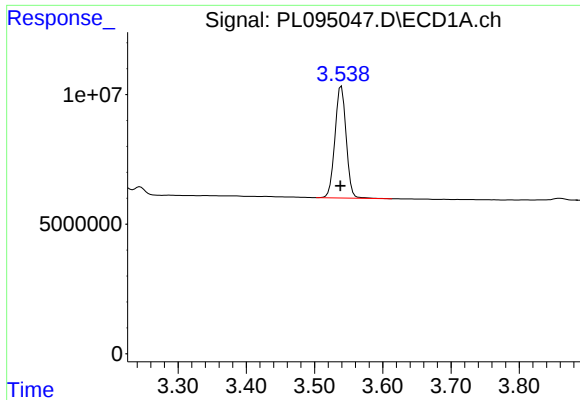
Reviewed By :Abdul Mirza 04/07/2025

Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 22:31:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





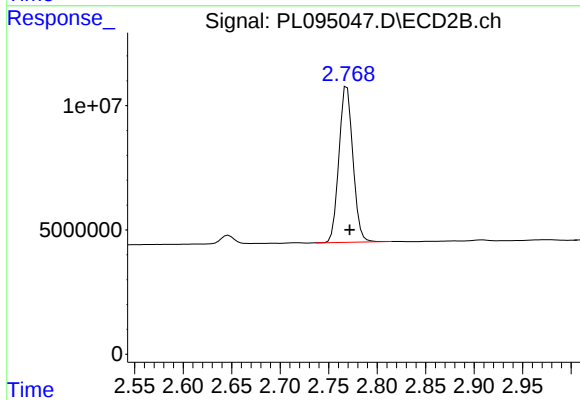
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.001 min
Response: 49227057
Conc: 17.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

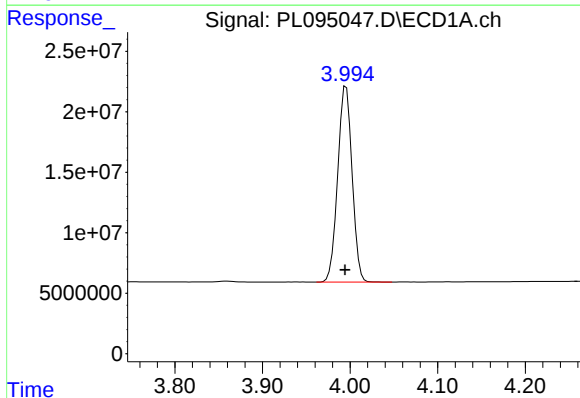
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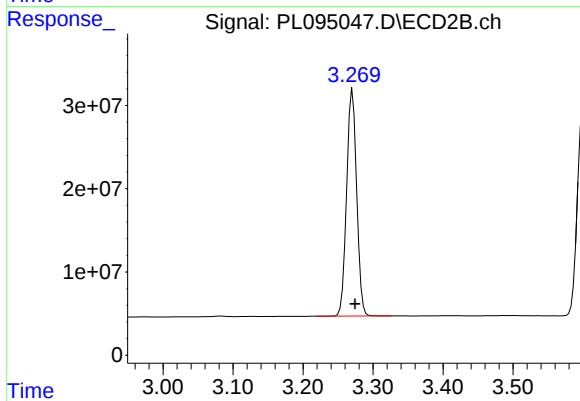
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 62703573
Conc: 17.57 ng/ml



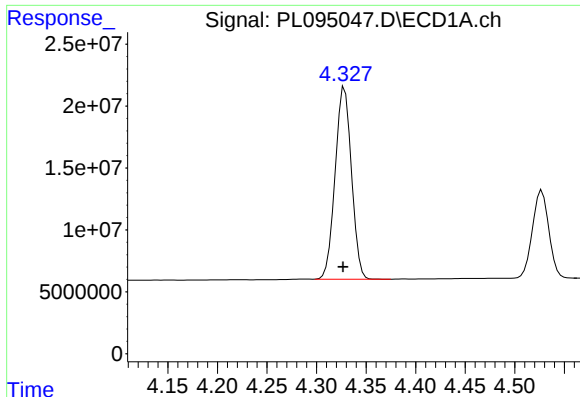
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 184851103
Conc: 44.52 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 271182908
Conc: 50.30 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 177622622
Conc: 44.51 ng/ml

Instrument :

ECD_L

ClientSampleId :

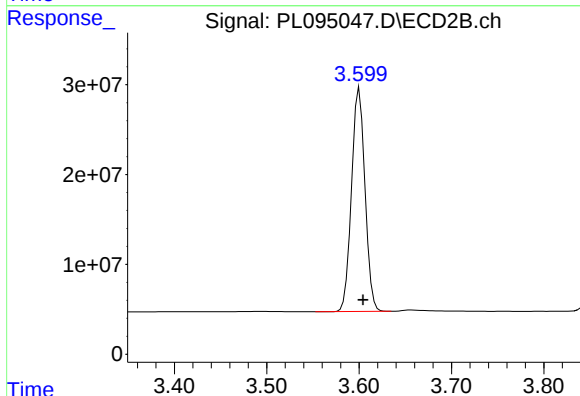
PB167456BS

Manual Integrations

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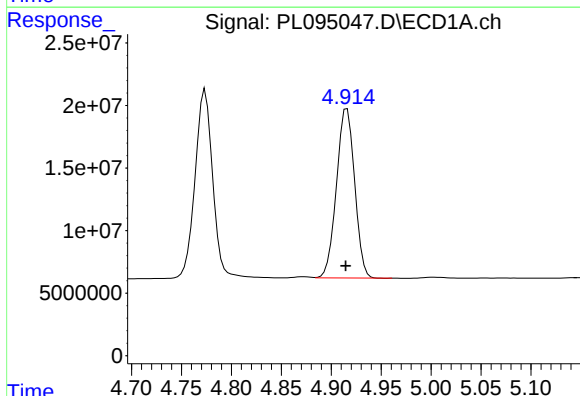
Reviewed By :Abdul Mirza 04/07/2025

Supervised By :mohammad ahmed 04/09/2025



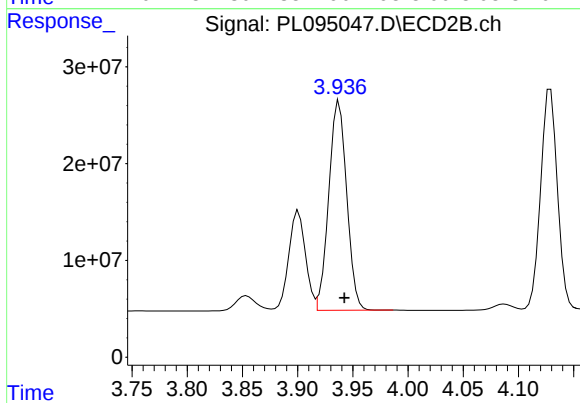
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 251302800
Conc: 48.90 ng/ml



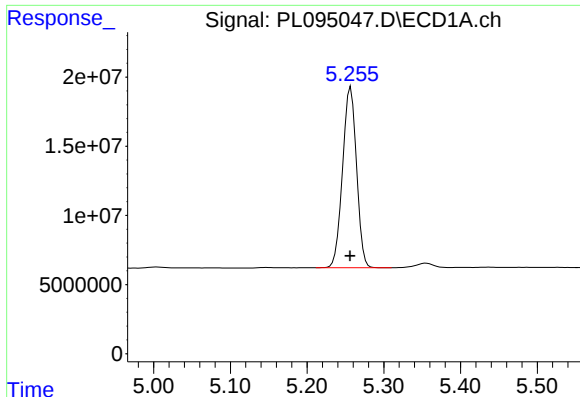
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 171445392
Conc: 44.17 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 244927641
Conc: 46.49 ng/ml



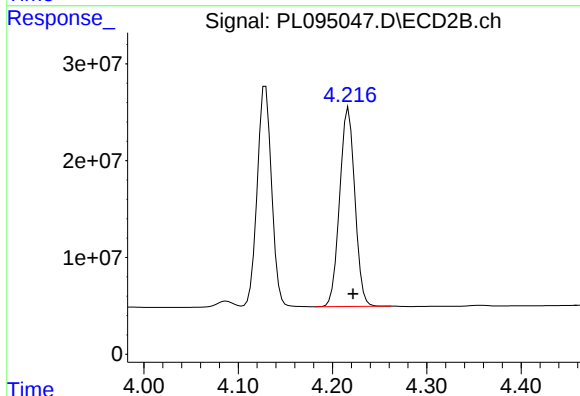
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 165484298
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

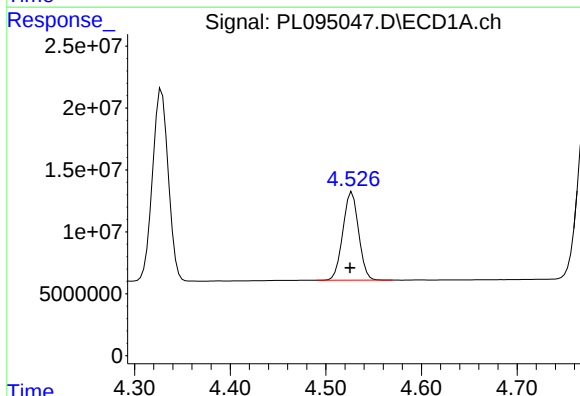
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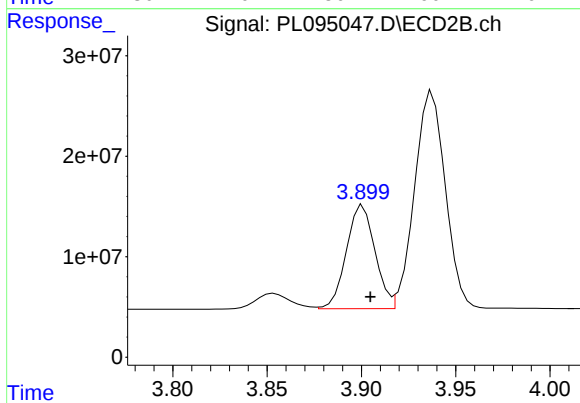
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 229731953
Conc: 47.11 ng/ml



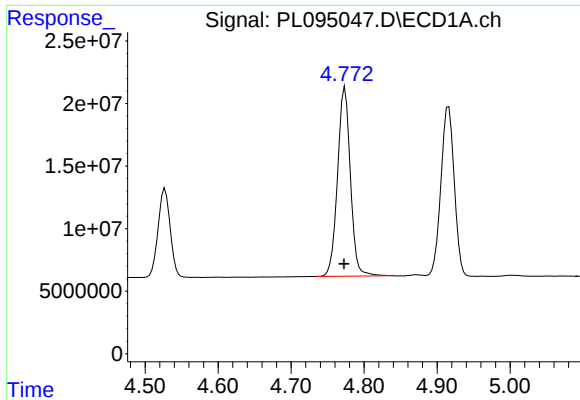
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 81864145
Conc: 44.37 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 108943747
Conc: 49.05 ng/ml



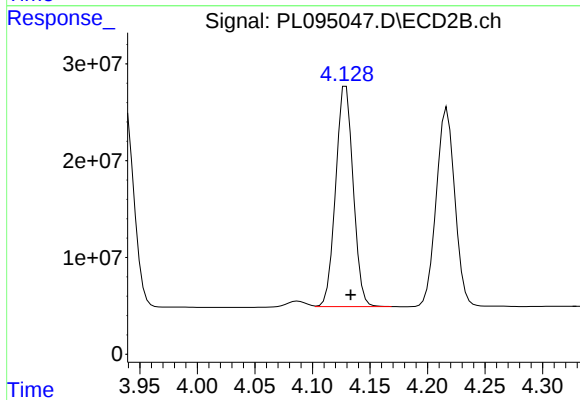
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 185186827
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

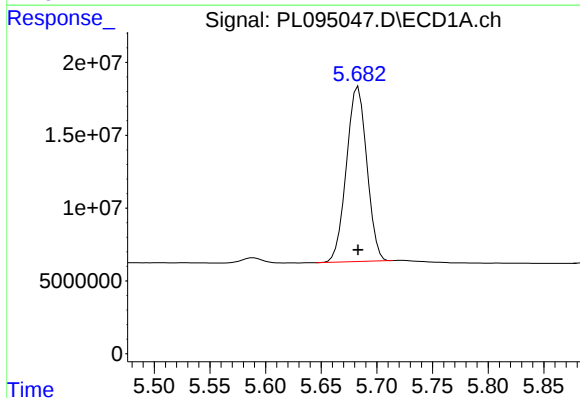
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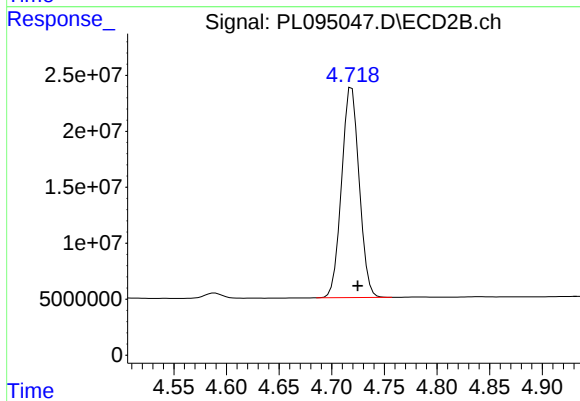
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.006 min
Response: 241157880
Conc: 48.21 ng/ml m



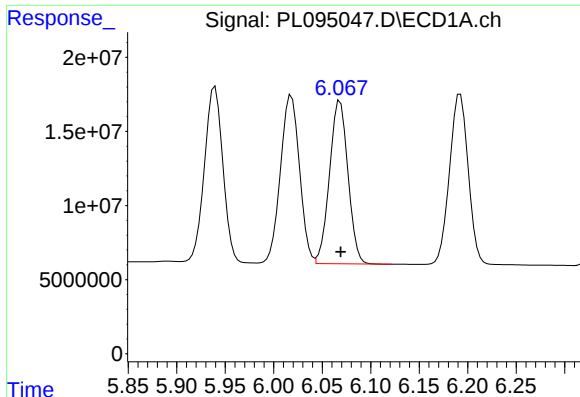
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 153173877
Conc: 45.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 219564615
Conc: 47.95 ng/ml m



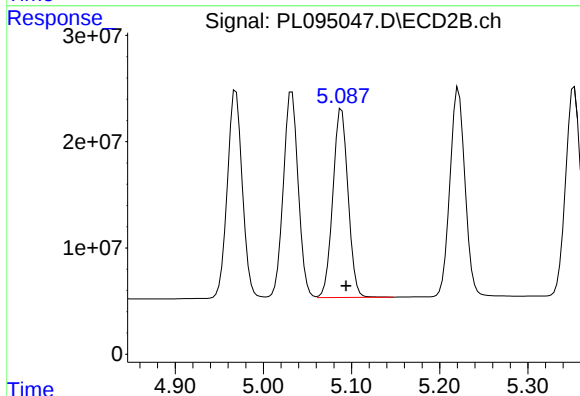
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 145553084
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

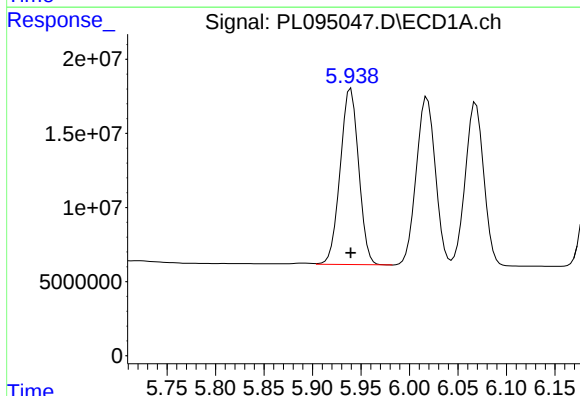
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Reviewed By :Abdul Mirza 04/07/2025
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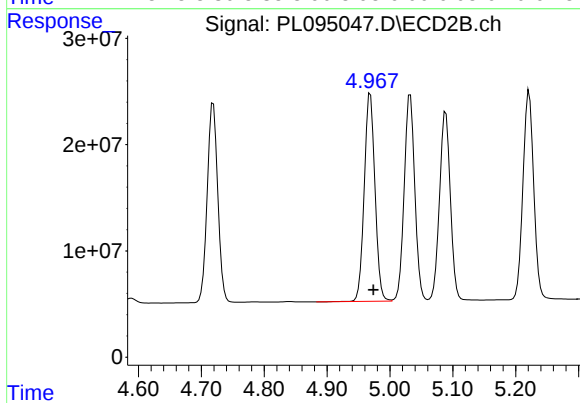
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 213024707
Conc: 48.54 ng/ml



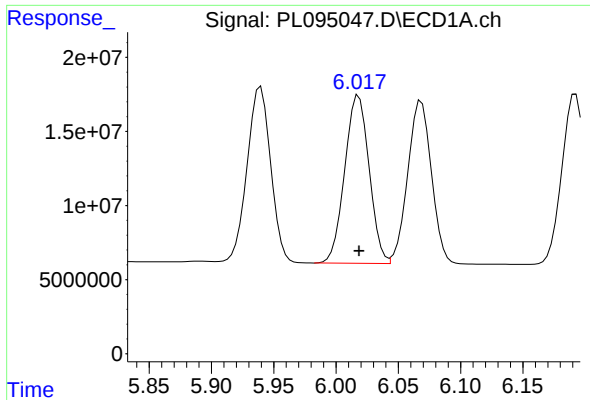
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 157144530
Conc: 46.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 231377172
Conc: 47.92 ng/ml



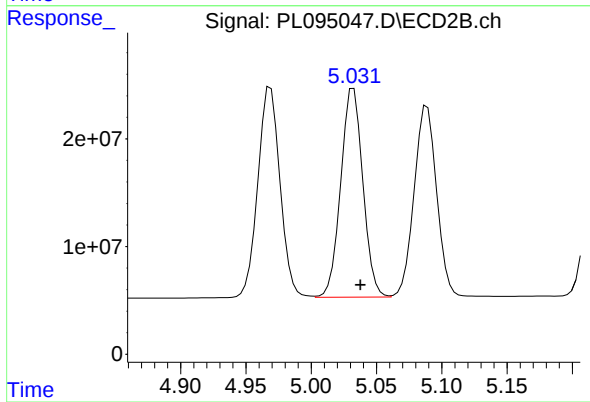
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 155264312
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

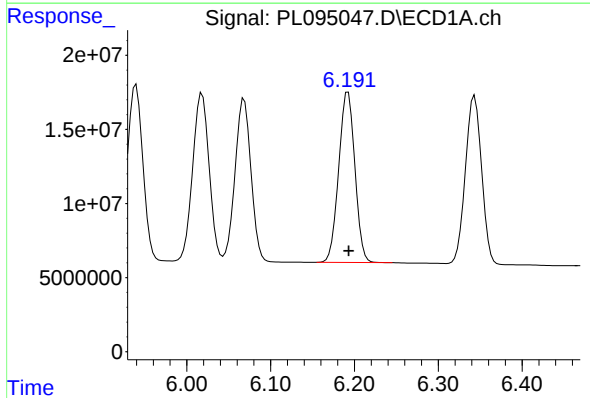
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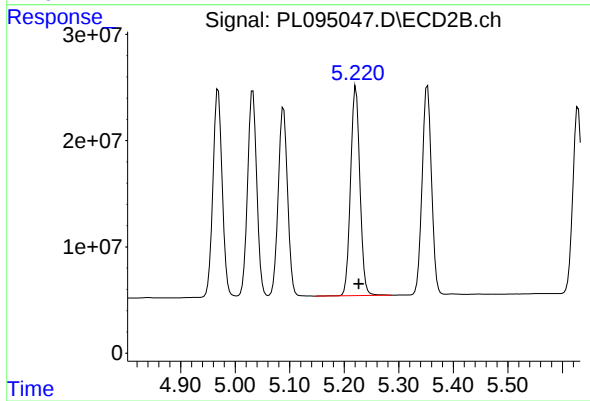
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 228519105
Conc: 47.88 ng/ml



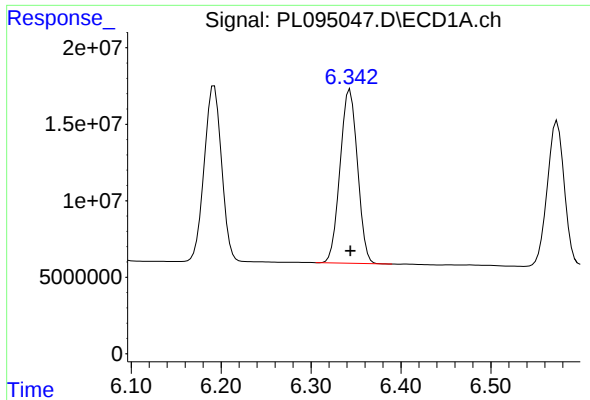
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 154186266
Conc: 52.41 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.005 min
Response: 233547218
Conc: 50.24 ng/ml



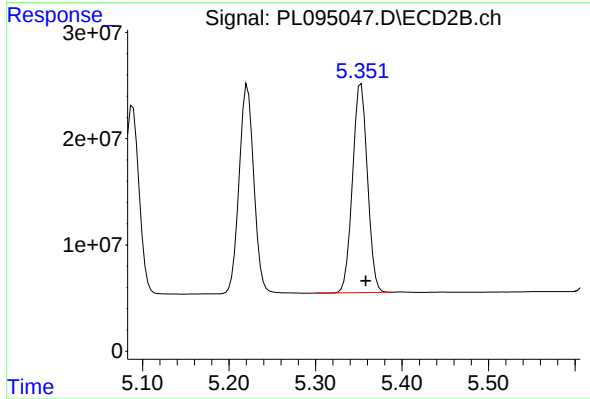
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 152765793
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

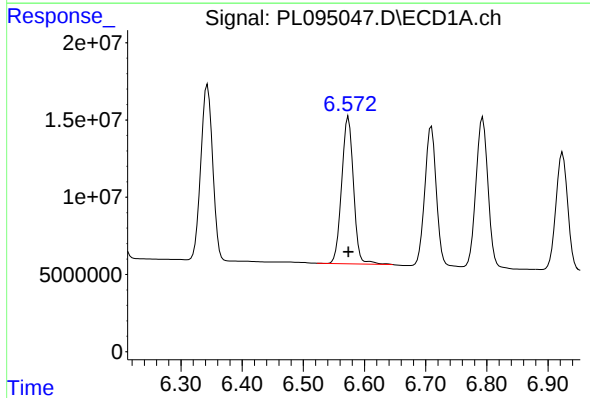
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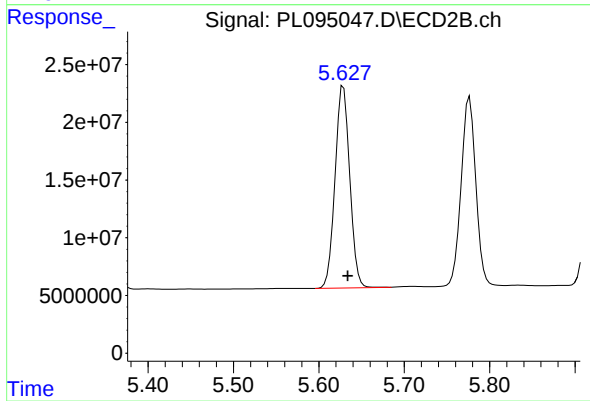
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 235151863
Conc: 48.47 ng/ml



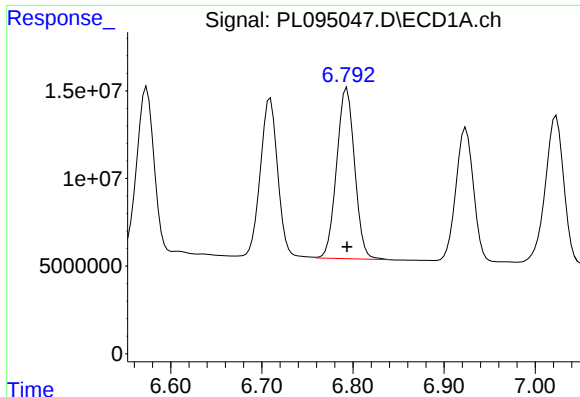
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 127889976
Conc: 46.14 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 209557493
Conc: 48.02 ng/ml



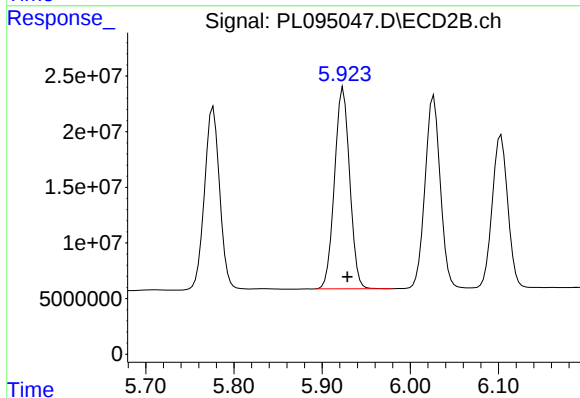
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 133488543
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

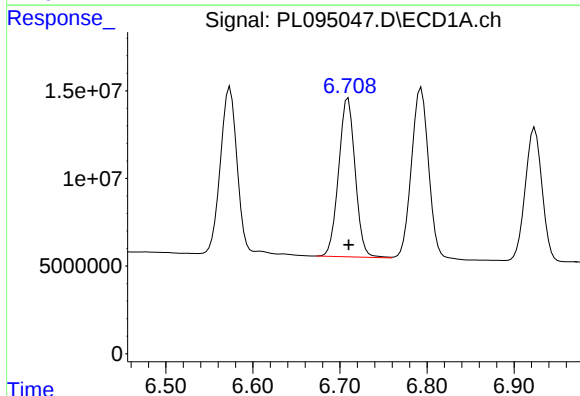
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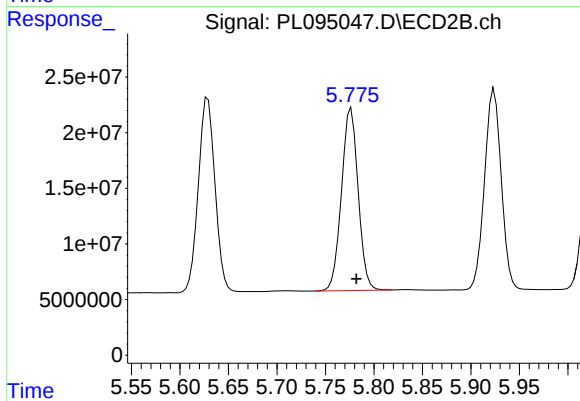
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 216268074
Conc: 49.97 ng/ml



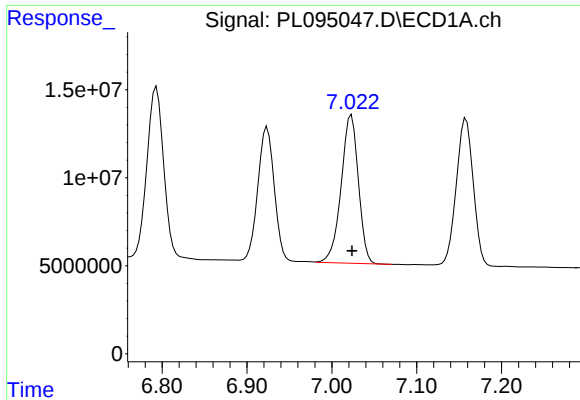
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 119473860
Conc: 55.16 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.005 min
Response: 195512316
Conc: 54.37 ng/ml



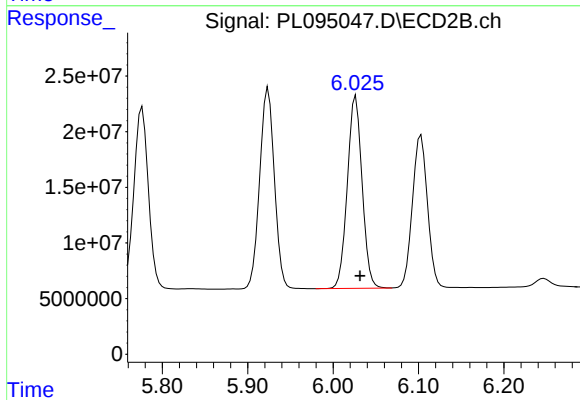
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 118599974
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

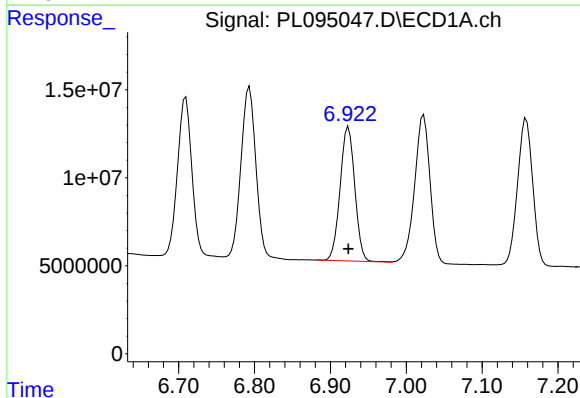
Manual Integrations
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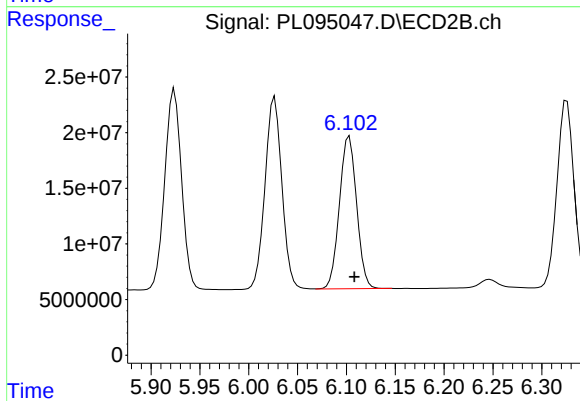
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 207640055
Conc: 51.50 ng/ml



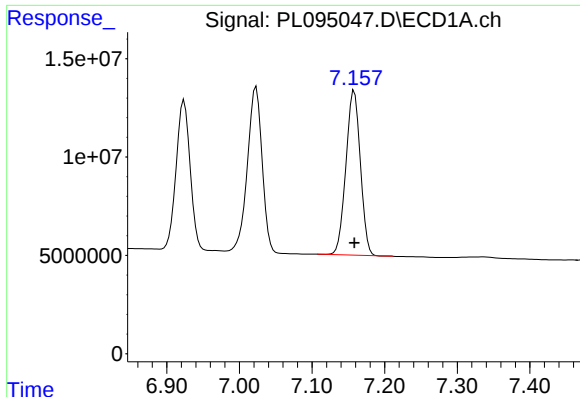
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 102628797
Conc: 48.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 168183770
Conc: 49.97 ng/ml



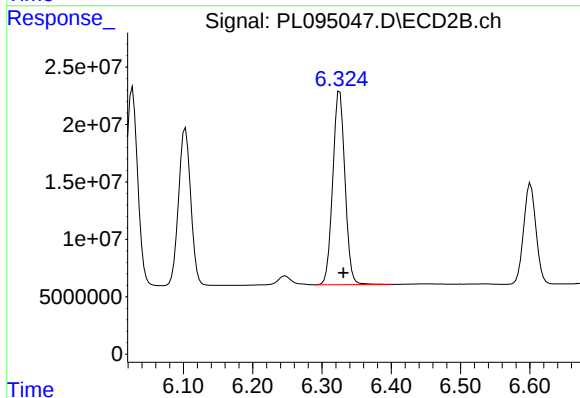
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 115821724
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

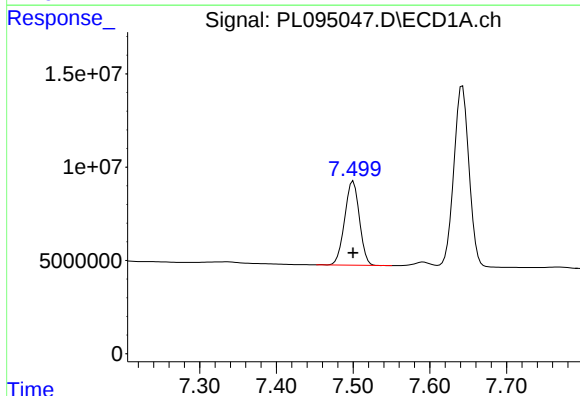
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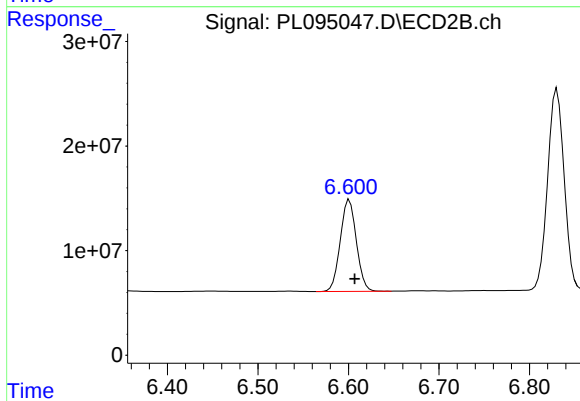
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 206831747
Conc: 50.78 ng/ml



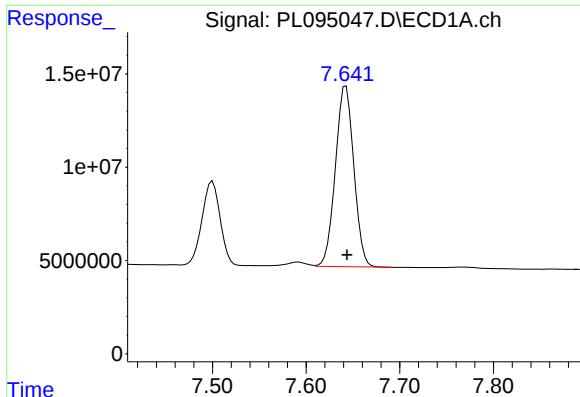
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 60289472
Conc: 50.36 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 108523344
Conc: 51.16 ng/ml



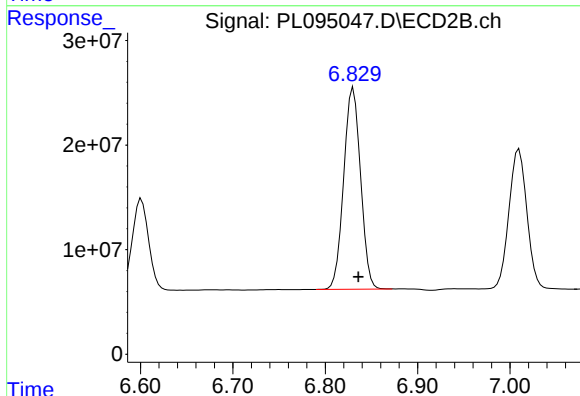
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 132653249
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

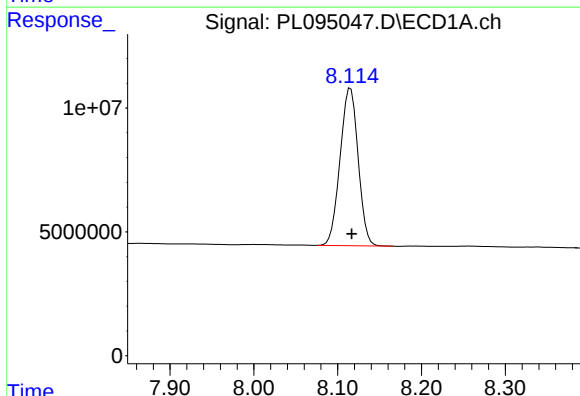
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



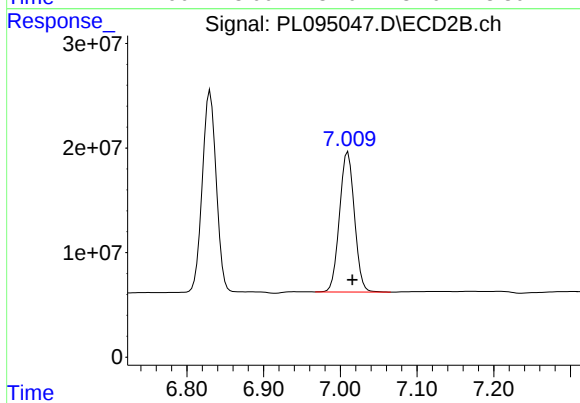
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 244841352
Conc: 51.30 ng/ml m



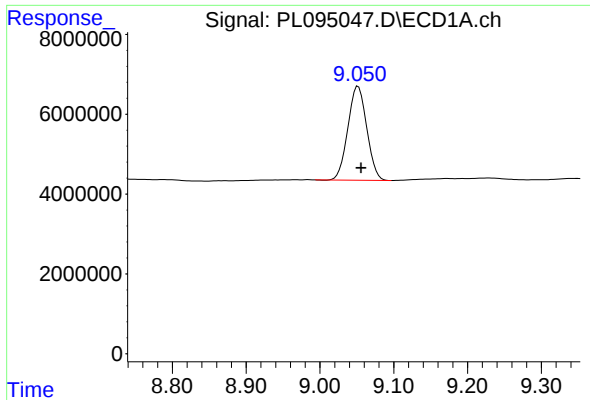
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 95209890
Conc: 46.08 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 181174531
Conc: 47.74 ng/ml m



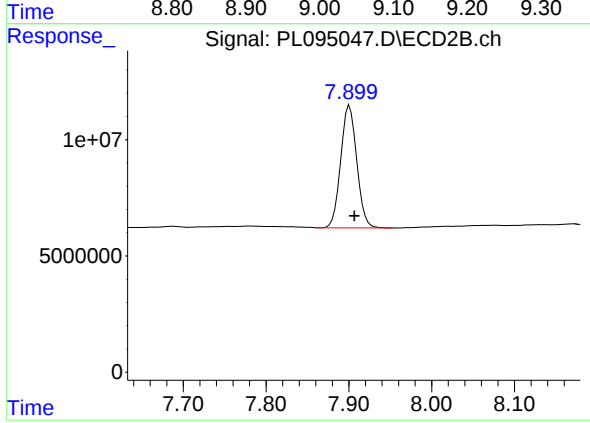
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 41904784
Conc: 19.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167456BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 70952521
Conc: 17.57 ng/ml