

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 16:48
 Operator : AR\AJ
 Sample : PB167596BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167596BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/16/2025
 Supervised By : mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:25:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.536	2.768	50201298	60914497	18.300	16.370
28)	SA Decachlor...	9.056	7.902	45691590	70415648	18.977	16.007
Target Compounds							
2)	A alpha-BHC	3.993	3.270	203.2E6	273.0E6	50.557	49.295
3)	MA gamma-BHC...	4.325	3.600	195.7E6	258.5E6	50.901	49.124
4)	MA Heptachlor	4.913	3.937	193.0E6	267.8E6	52.638	51.505
5)	MB Aldrin	5.254	4.216	187.3E6	250.8E6	53.086	51.468
6)	B beta-BHC	4.524	3.901	88921191	112.3E6	50.717	48.482
7)	B delta-BHC	4.770	4.127	204.7E6	252.8E6	52.246m	48.889m
8)	B Heptachlo...	5.682	4.719	166.4E6	238.6E6	51.822	52.225
9)	A Endosulfan I	6.067	5.088	160.9E6	225.1E6	51.917	51.849
10)	B gamma-Chl...	5.938	4.969	174.1E6	250.2E6	52.114	51.939
11)	B alpha-Chl...	6.017	5.032	170.4E6	246.6E6	51.342	52.039
12)	B 4,4'-DDE	6.191	5.220	163.4E6	247.3E6	49.965	51.360m
13)	MA Dieldrin	6.342	5.352	168.9E6	253.5E6	51.247	52.808
14)	MA Endrin	6.571	5.628	146.3E6	229.0E6	56.127m	54.811
15)	B Endosulfa...	6.793	5.923	142.4E6	219.0E6	49.916	49.894
16)	A 4,4'-DDD	6.709	5.776	123.7E6	193.8E6	48.729	49.833
17)	MA 4,4'-DDT	7.023	6.026	134.3E6	210.3E6	52.752	50.482
18)	B Endrin al...	6.923	6.102	112.9E6	167.9E6	51.294	49.824
19)	B Endosulfa...	7.158	6.326	128.1E6	208.6E6	49.836	49.940
20)	A Methoxychlor	7.500	6.602	67279751	111.3E6	50.230	49.540
21)	B Endrin ke...	7.643	6.830	140.0E6	234.6E6	48.497	46.537m
22)	Mirex	8.116	7.010	104.7E6	176.1E6	49.221	44.797

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 16:48
Operator : AR\AJ
Sample : PB167596BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

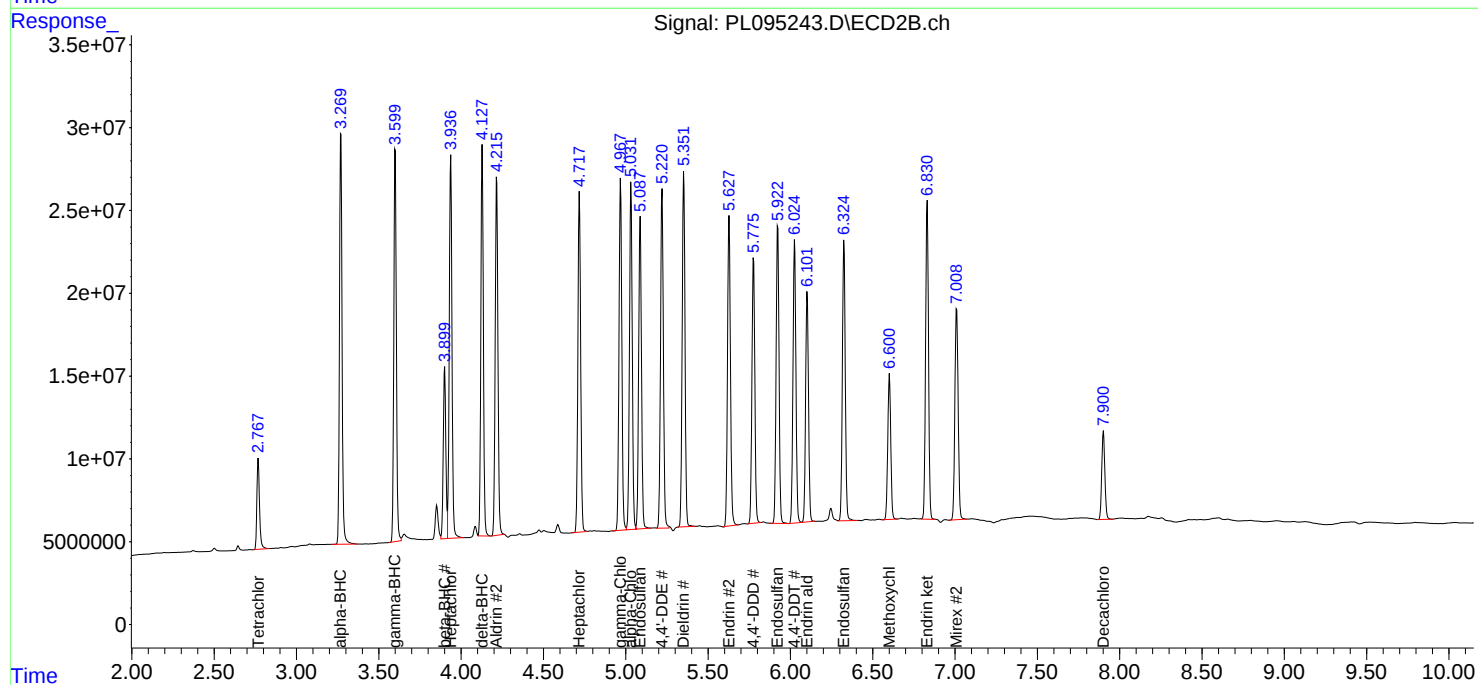
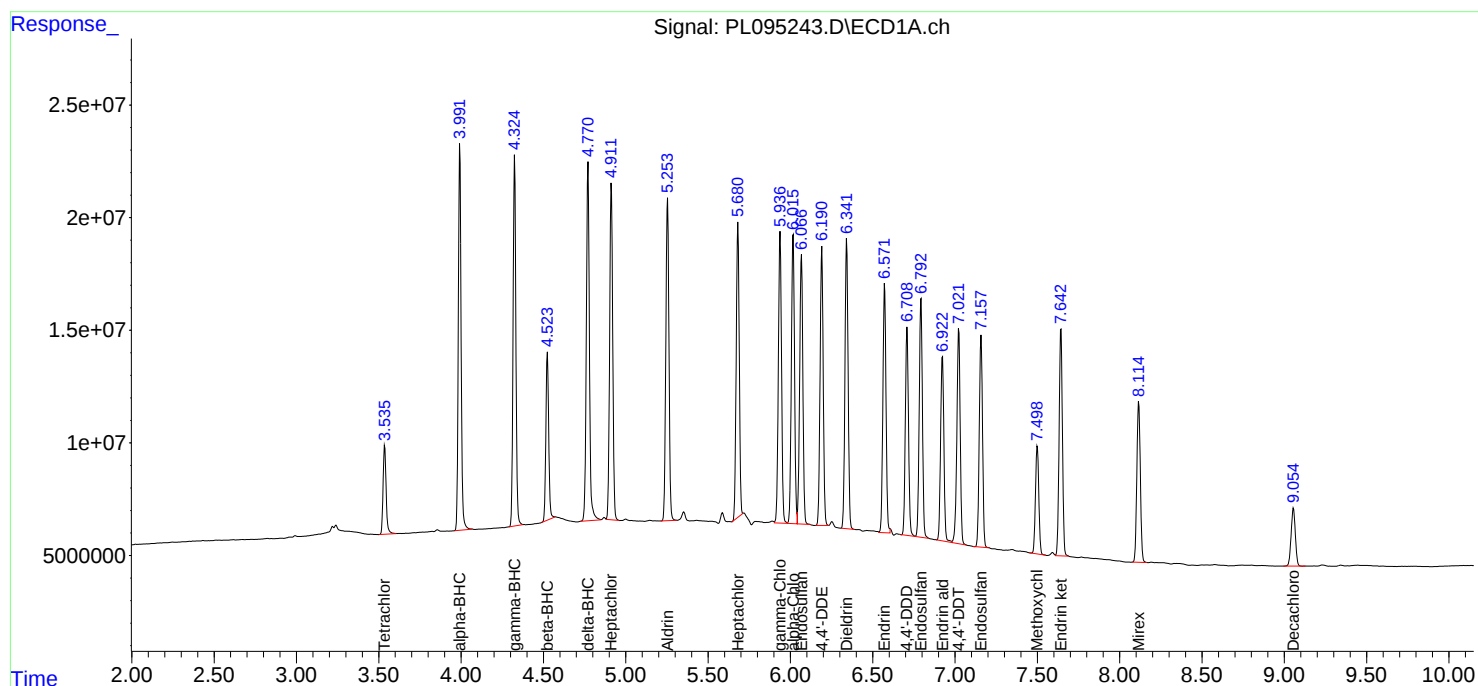
Instrument :
ECD_L
ClientSampleId :
PB167596BS

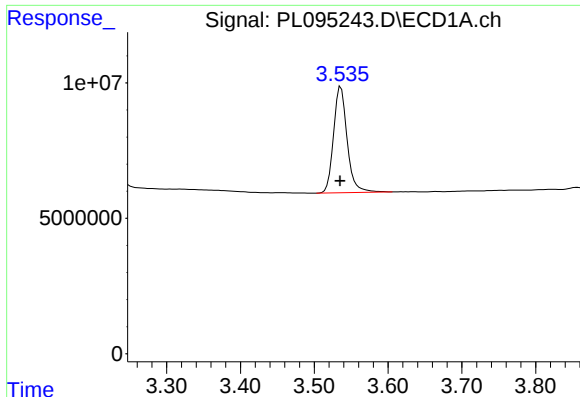
Manual Integrations
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Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:25:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





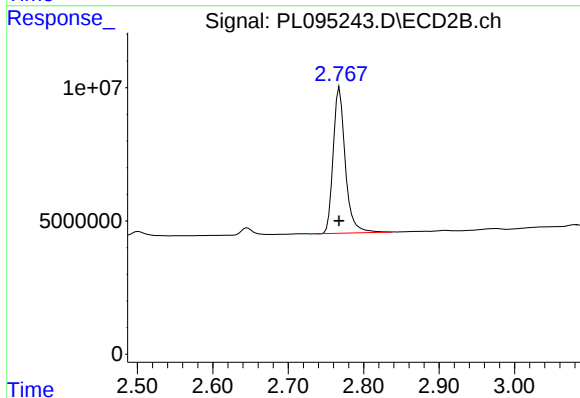
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 50201298
Conc: 18.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

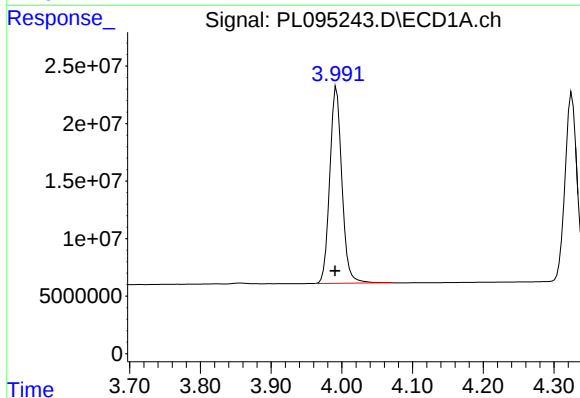
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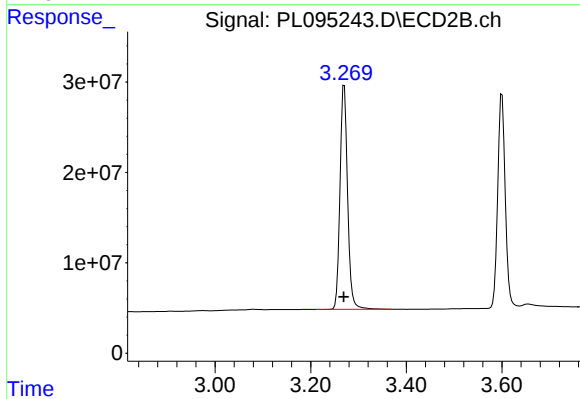
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 60914497
Conc: 16.37 ng/ml



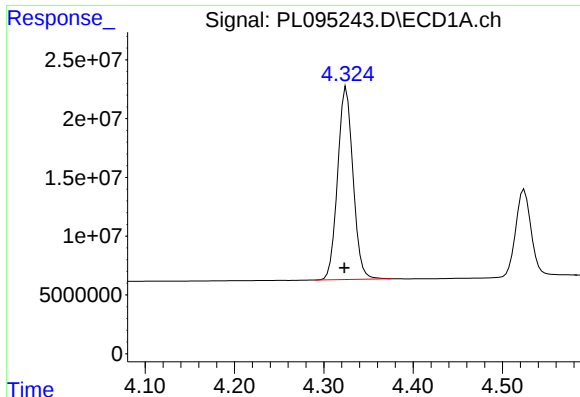
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 203196497
Conc: 50.56 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 272972745
Conc: 49.30 ng/ml



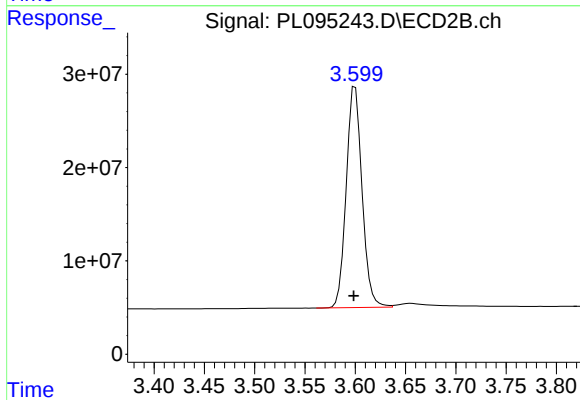
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 195745193
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

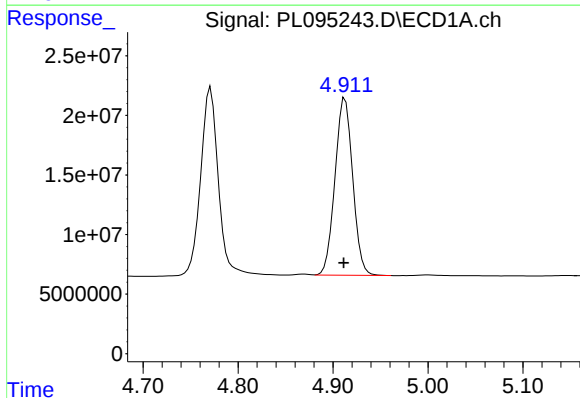
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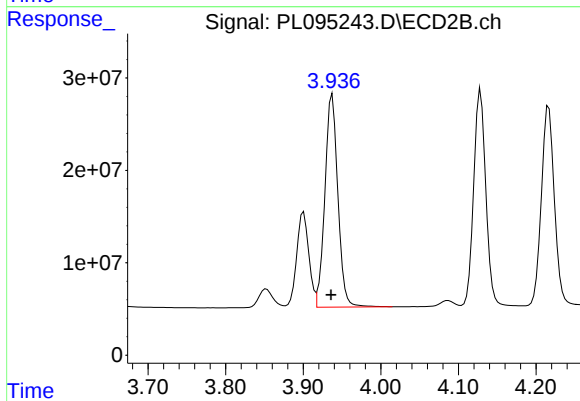
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.001 min
Response: 258543905
Conc: 49.12 ng/ml



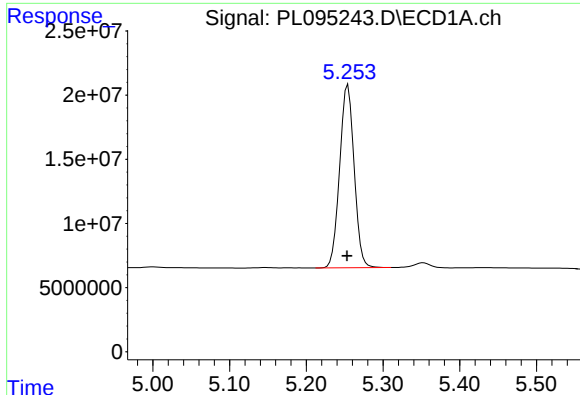
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 192993000
Conc: 52.64 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 267800420
Conc: 51.51 ng/ml



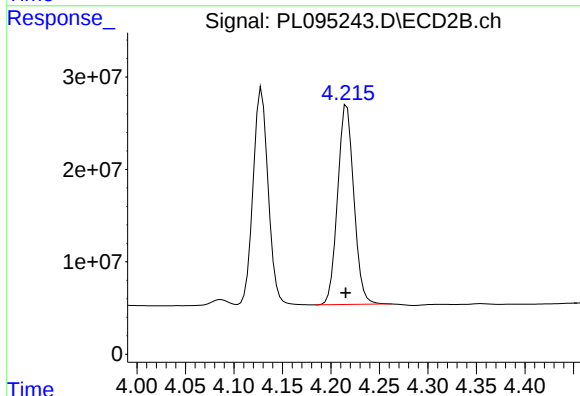
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 187348331
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

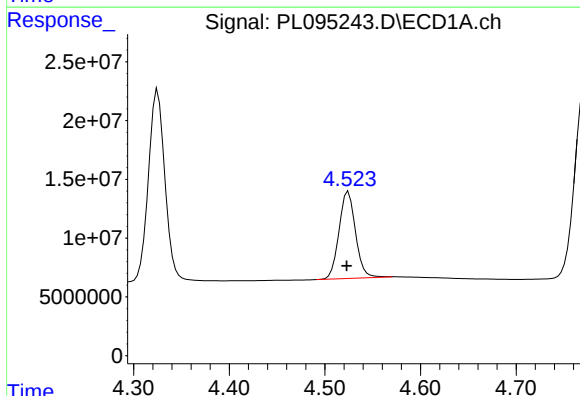
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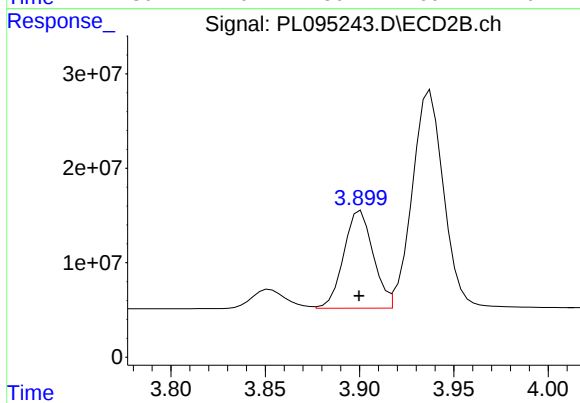
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.001 min
Response: 250828867
Conc: 51.47 ng/ml



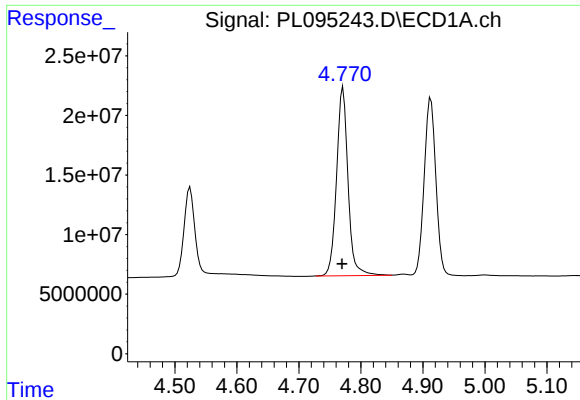
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 88921191
Conc: 50.72 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 112339772
Conc: 48.48 ng/ml



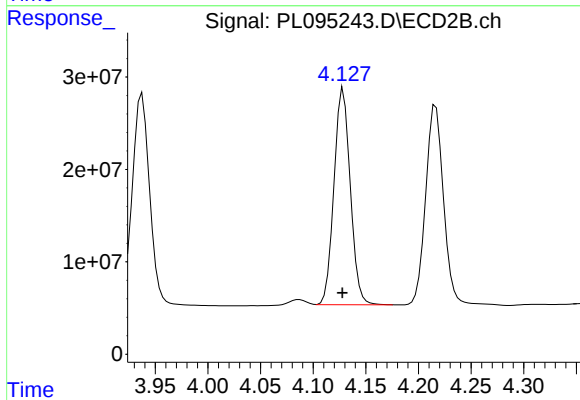
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 204733884
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

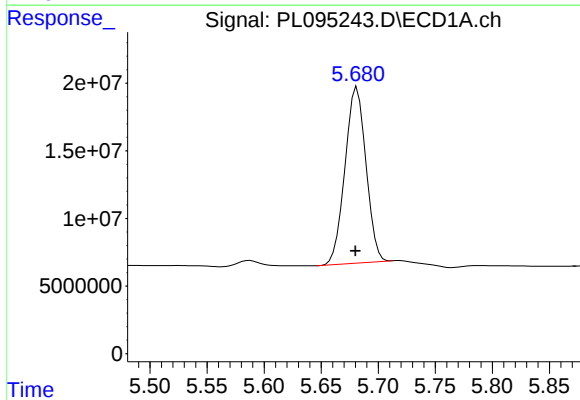
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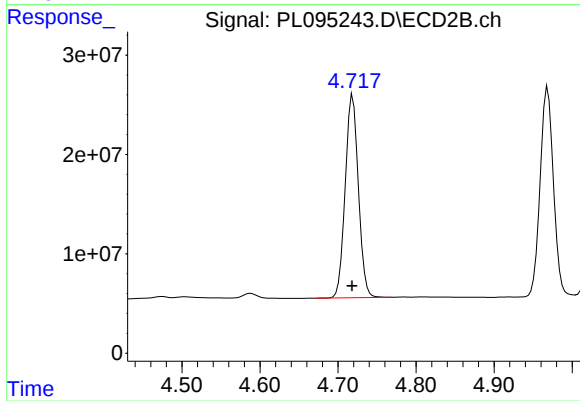
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 252756505
Conc: 48.89 ng/ml m



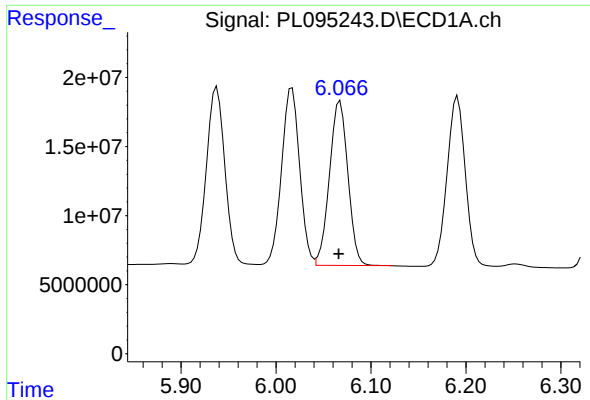
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 166388837
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 238600083
Conc: 52.23 ng/ml



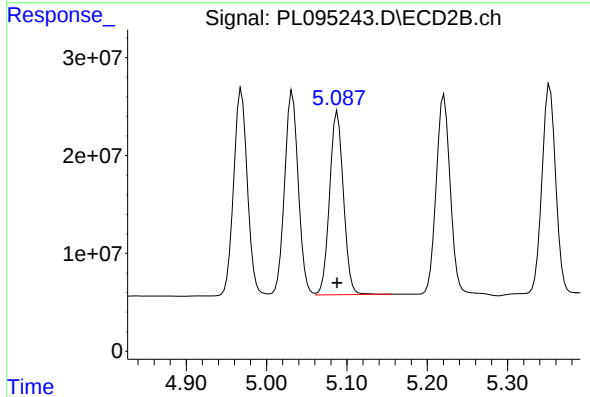
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 160860912
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

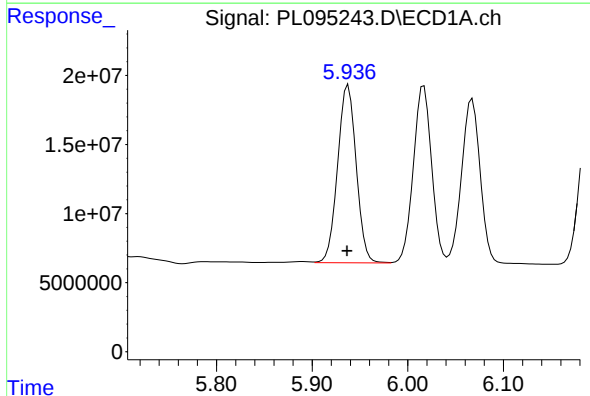
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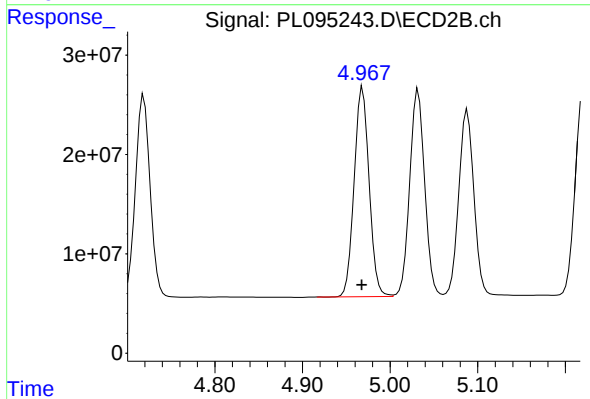
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 225071455
Conc: 51.85 ng/ml



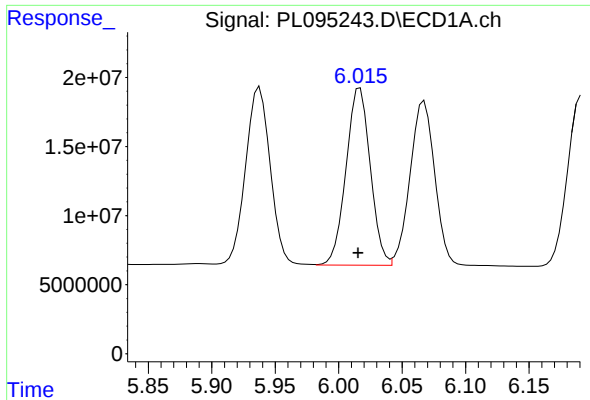
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.001 min
Response: 174084696
Conc: 52.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.001 min
Response: 250177488
Conc: 51.94 ng/ml



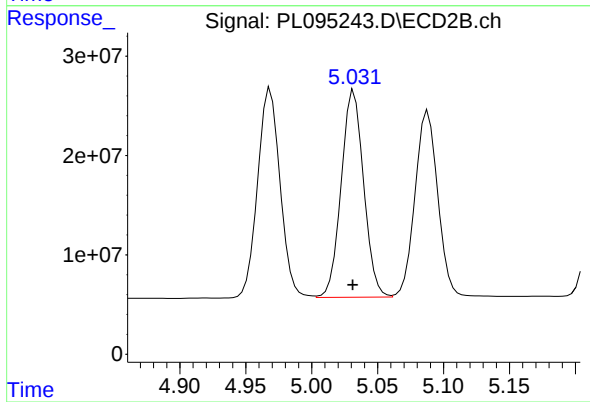
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 170429058
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

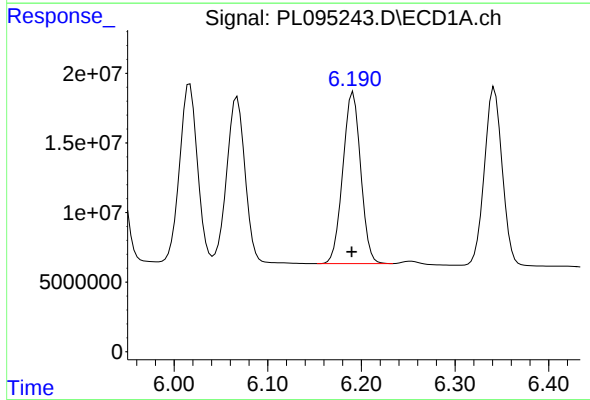
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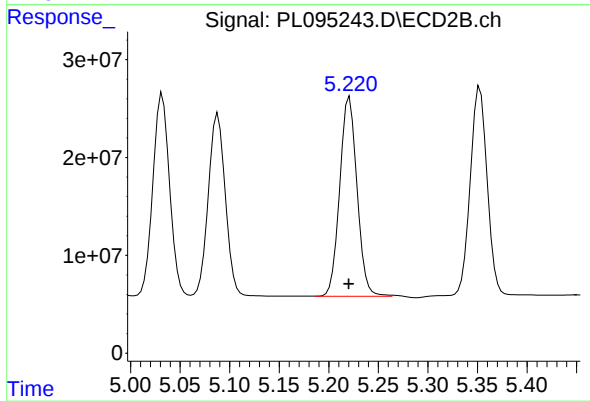
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.001 min
Response: 246644744
Conc: 52.04 ng/ml



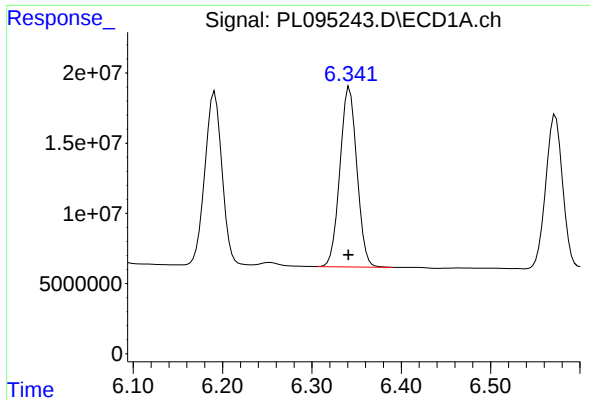
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 163379187
Conc: 49.97 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 247286364
Conc: 51.36 ng/ml m



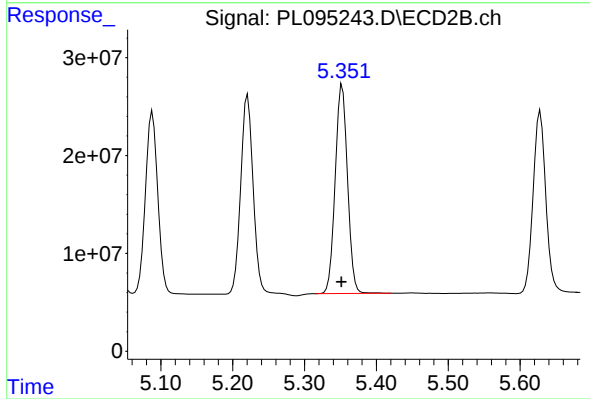
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.001 min
Response: 168864932
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

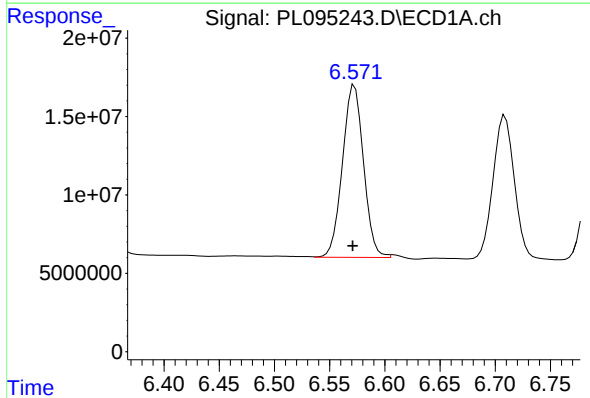
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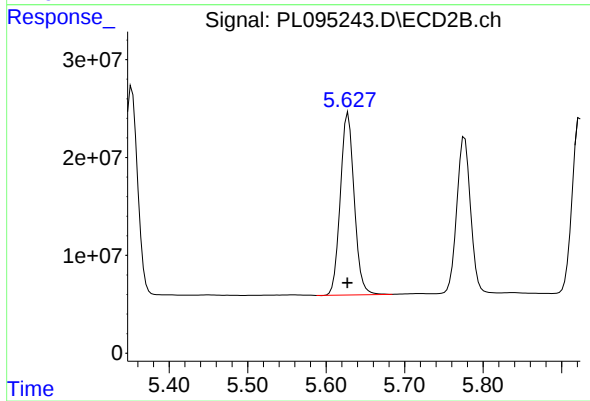
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.001 min
Response: 253480857
Conc: 52.81 ng/ml



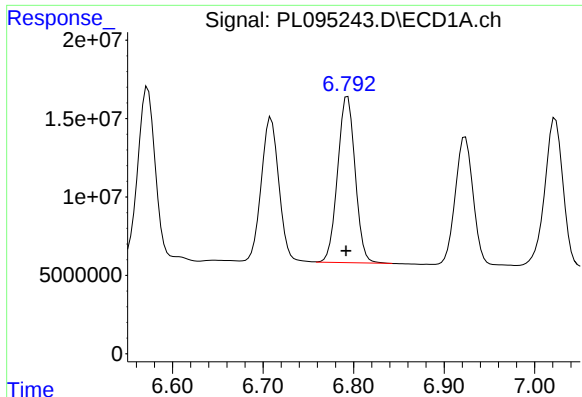
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 146275060
Conc: 56.13 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 228966516
Conc: 54.81 ng/ml



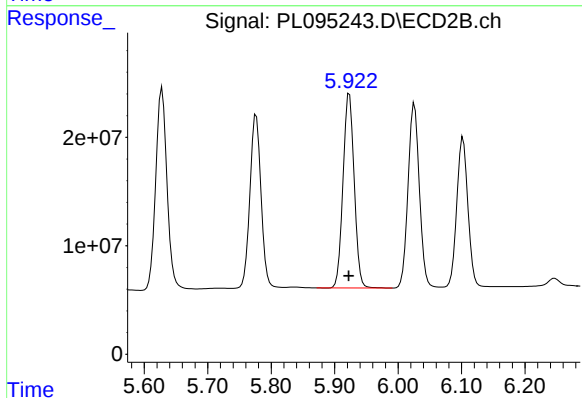
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 142377481
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

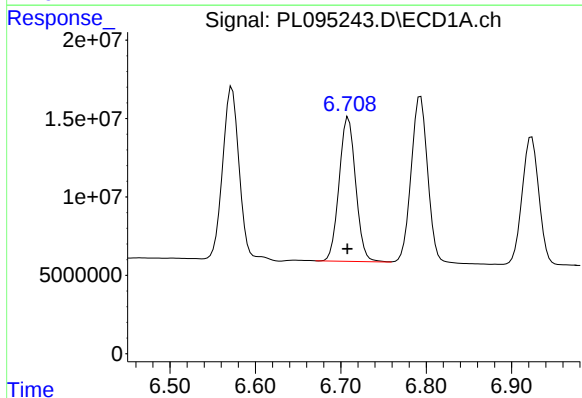
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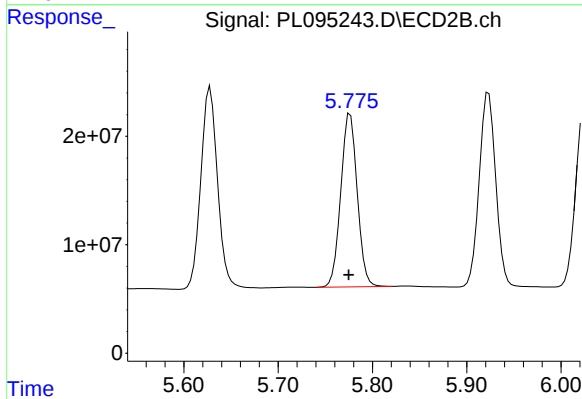
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 219048599
Conc: 49.89 ng/ml



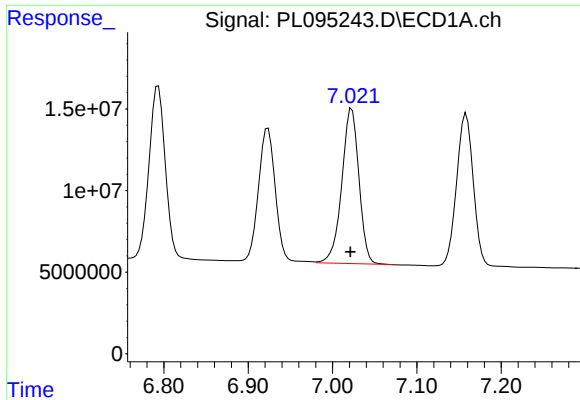
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 123728506
Conc: 48.73 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 193847411
Conc: 49.83 ng/ml



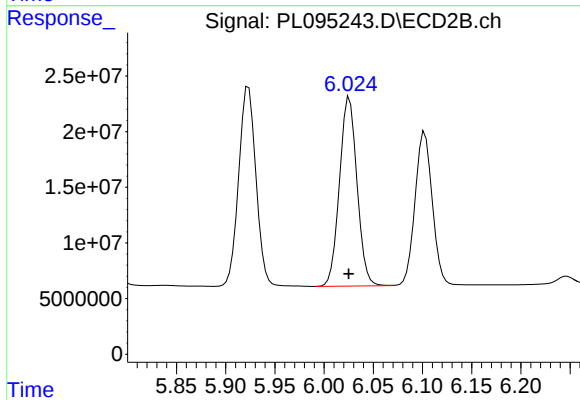
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.002 min
Response: 134283327
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

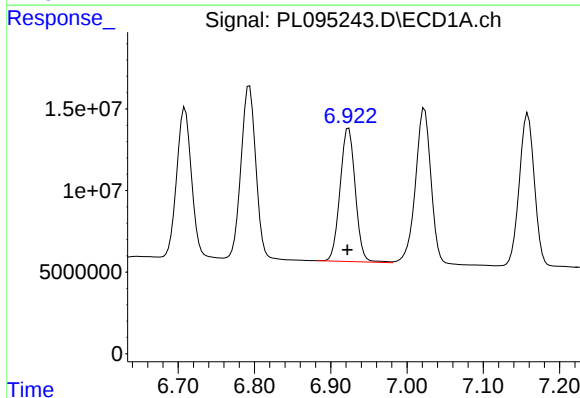
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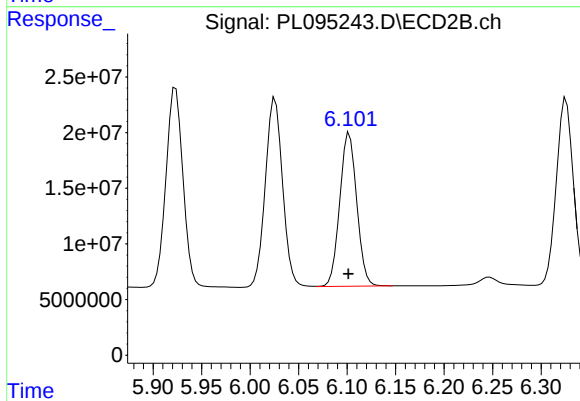
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 210304782
Conc: 50.48 ng/ml



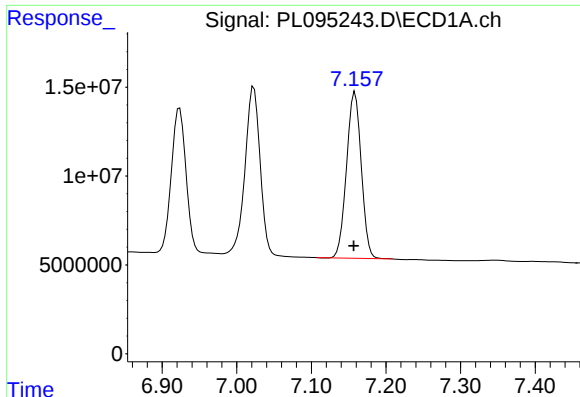
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.002 min
Response: 112901856
Conc: 51.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 167898243
Conc: 49.82 ng/ml



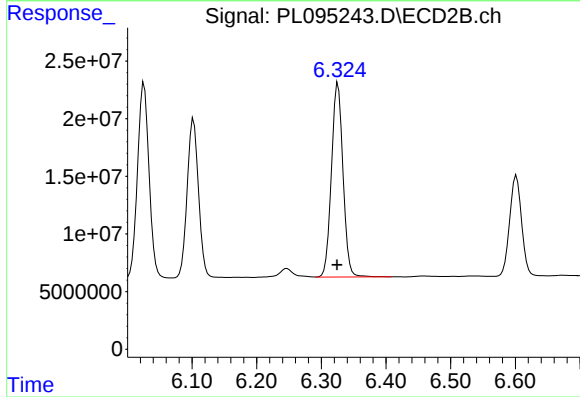
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.001 min
Response: 128060344
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

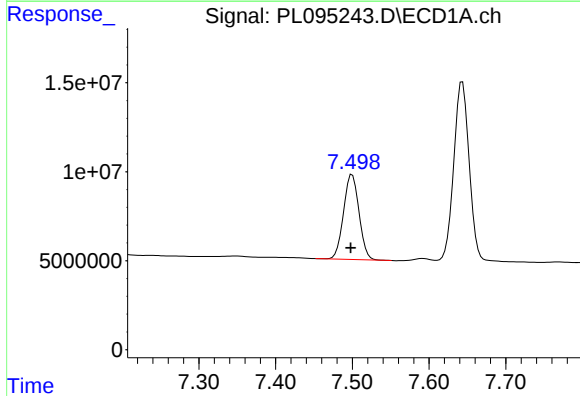
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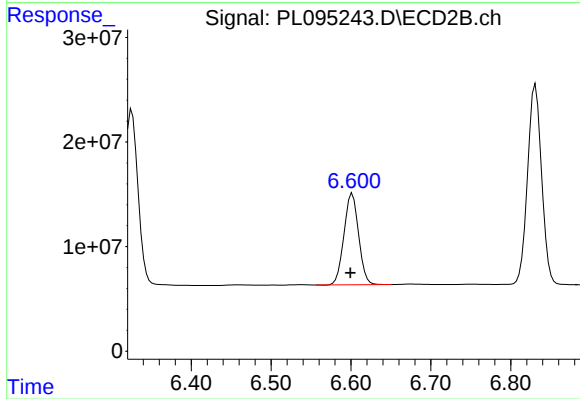
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 208571042
Conc: 49.94 ng/ml



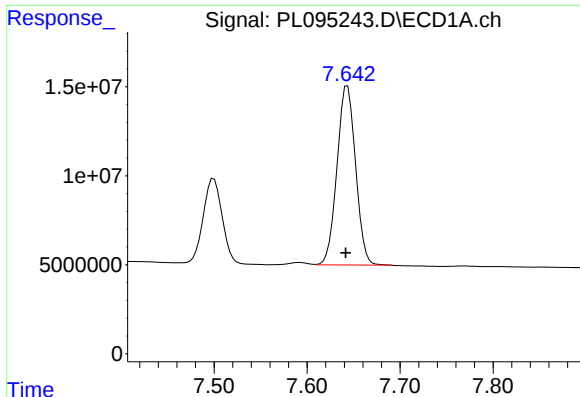
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 67279751
Conc: 50.23 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 111250946
Conc: 49.54 ng/ml



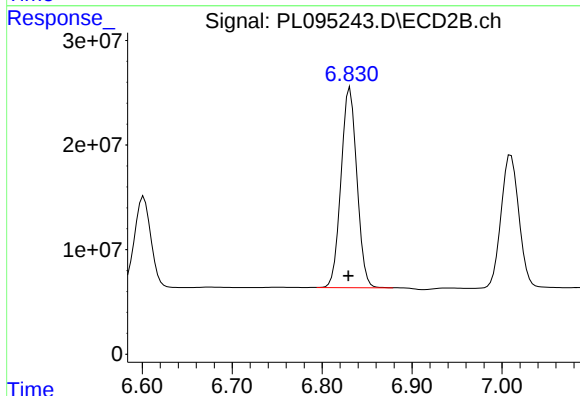
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 139994421
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

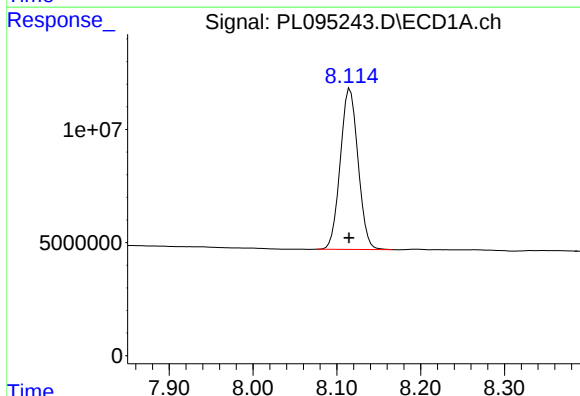
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



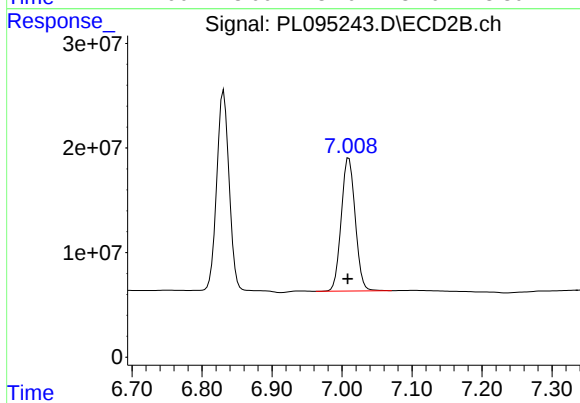
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 234642856
Conc: 46.54 ng/ml m



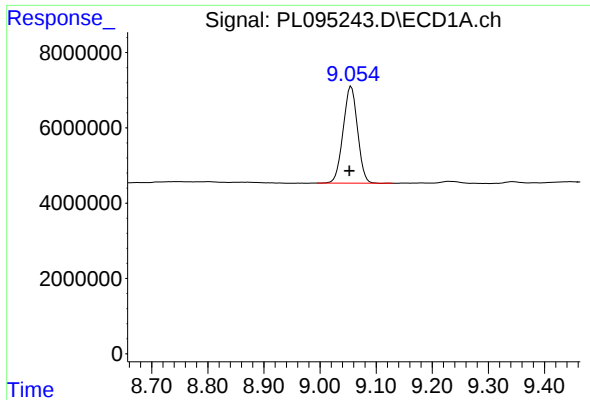
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.001 min
Response: 104702781
Conc: 49.22 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: 0.002 min
Response: 176130804
Conc: 44.80 ng/ml



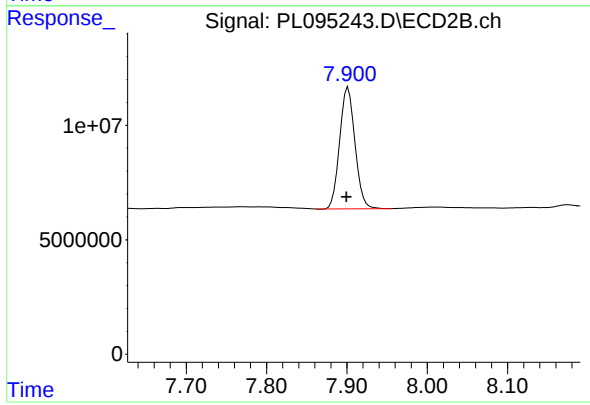
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 45691590
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167596BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 70415648
Conc: 16.01 ng/ml