

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
 Data File : PL095030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 11:56
 Operator : AR\AJ
 Sample : PB167395BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167395BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:34:43 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...	3.541	2.768	52177715	67867186	18.433	19.014
28) SA Decachlor...	9.057	7.901	46200337	81783526	21.922	20.247
Target Compounds						
2) A alpha-BHC	3.998	3.270	179.9E6	263.3E6	43.320	48.831
3) MA gamma-BHC...	4.330	3.599	171.8E6	242.3E6	43.046	47.148
4) MA Heptachlor	4.918	3.937	169.9E6	236.9E6	43.772	44.959
5) MB Aldrin	5.259	4.216	162.1E6	218.7E6	43.900	44.847
6) B beta-BHC	4.529	3.900	78923706	104.6E6	42.772	47.086
7) B delta-BHC	4.776	4.128	179.1E6	229.1E6	45.987	45.804
8) B Heptachlo...	5.685	4.719	151.0E6	210.2E6	45.144	45.903
9) A Endosulfan I	6.072	5.089	143.0E6	195.7E6	46.576	44.599
10) B gamma-Chl...	5.942	4.969	154.4E6	222.6E6	45.828	46.099
11) B alpha-Chl...	6.021	5.032	152.4E6	219.3E6	46.235	45.940
12) B 4,4'-DDE	6.195	5.220	150.8E6	224.4E6	51.270	48.264m
13) MA Dieldrin	6.347	5.352	153.5E6	228.2E6	47.988	47.029m
14) MA Endrin	6.575	5.627	126.9E6	209.3E6	45.777m	47.961m
15) B Endosulfa...	6.797	5.924	130.1E6	207.7E6	47.914	47.995
16) A 4,4'-DDD	6.712	5.776	118.7E6	187.6E6	54.792	52.175
17) MA 4,4'-DDT	7.026	6.026	120.6E6	203.8E6	50.705	50.550
18) B Endrin al...	6.927	6.103	99742435	161.5E6	47.249	47.987
19) B Endosulfa...	7.161	6.326	115.1E6	200.2E6	47.344	49.148
20) A Methoxychlor	7.503	6.601	63926260	111.9E6	53.402	52.770
21) B Endrin ke...	7.646	6.830	129.6E6	247.5E6	49.025	51.863m
22) Mirex	8.118	7.009	94749833	179.2E6	45.855	47.227m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
Data File : PL095030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2025 11:56
Operator : AR\AJ
Sample : PB167395BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

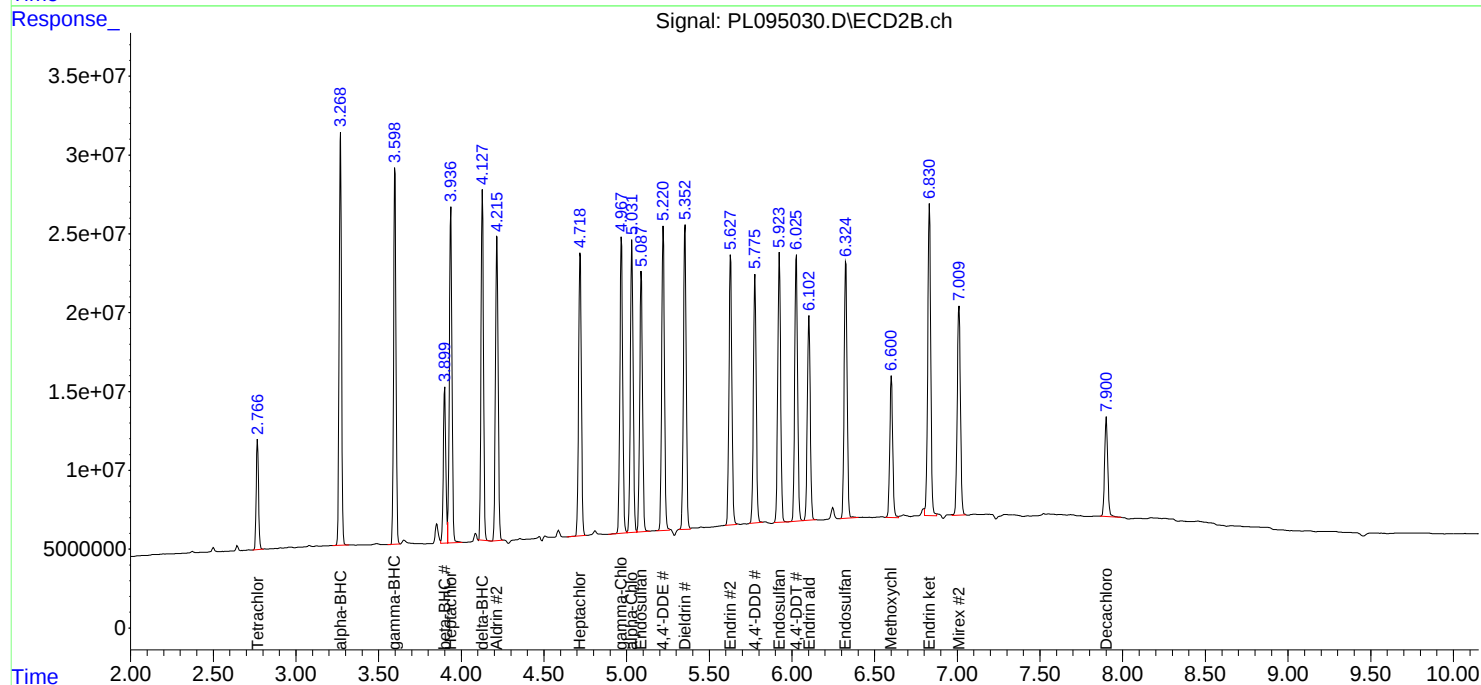
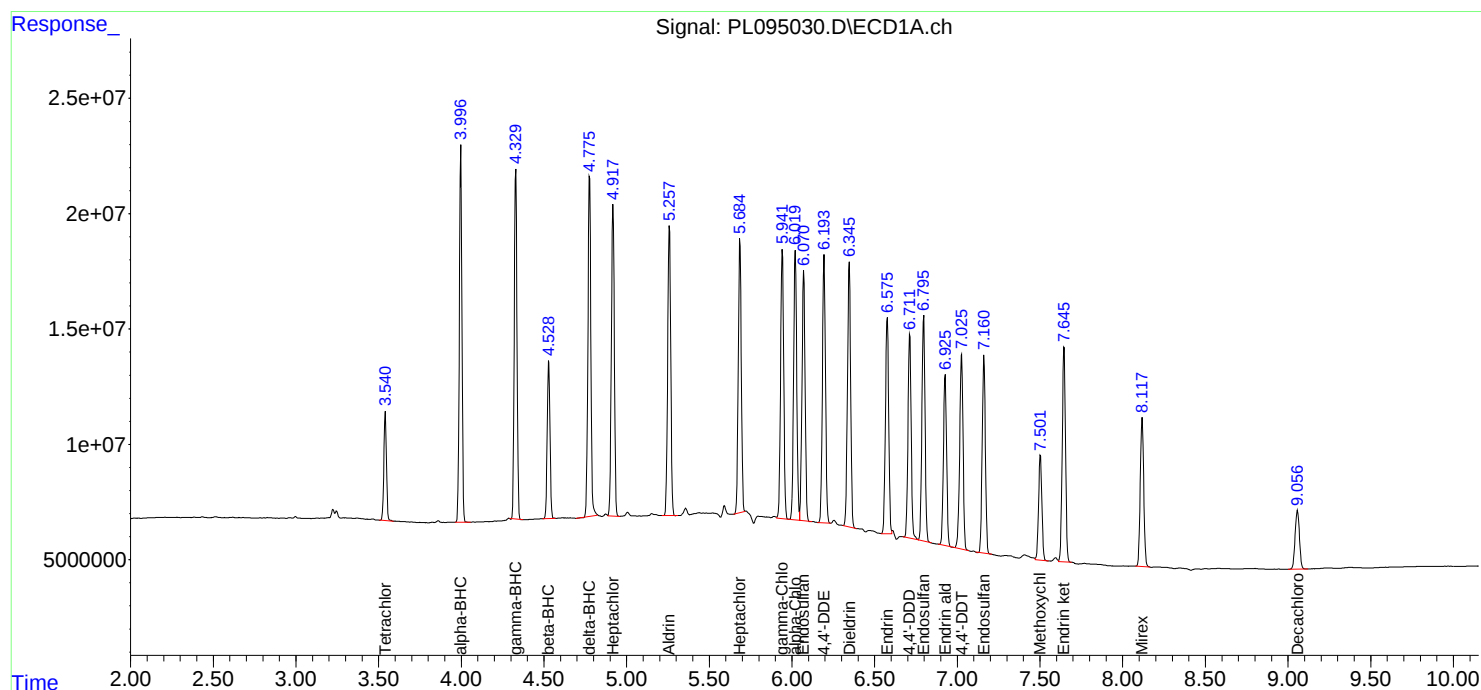
Instrument :
ECD_L
ClientSampleId :
PB167395BS

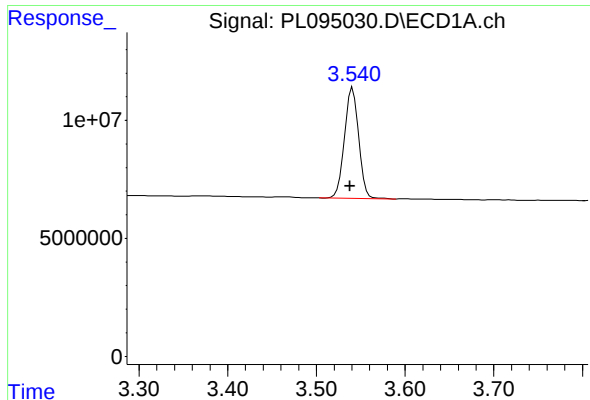
Manual Integrations
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Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 02:34:43 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





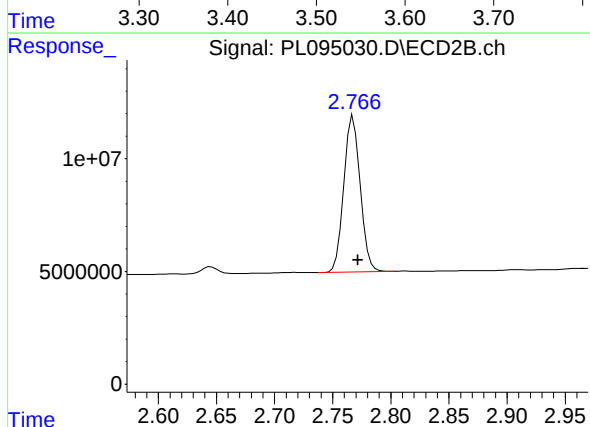
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 52177715
Conc: 18.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

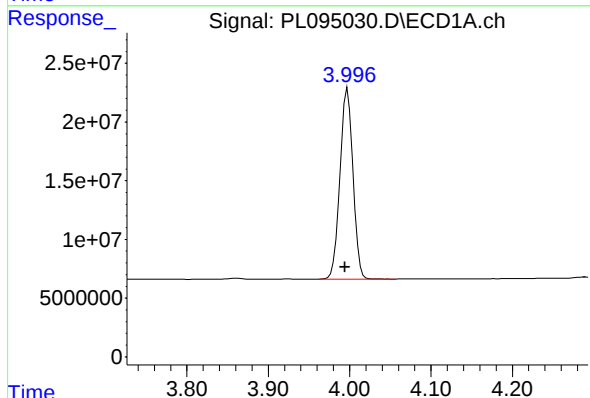
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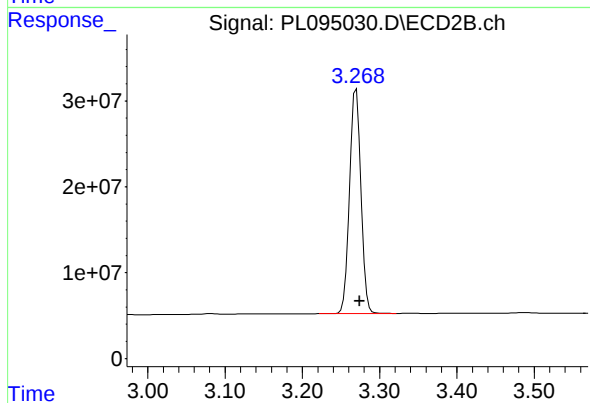
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 67867186
Conc: 19.01 ng/ml



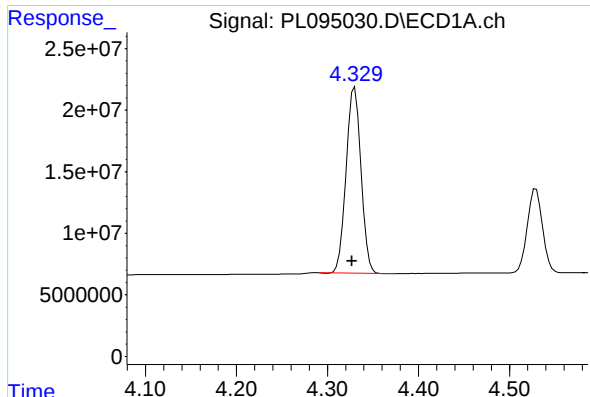
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.003 min
Response: 179879860
Conc: 43.32 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 263265535
Conc: 48.83 ng/ml



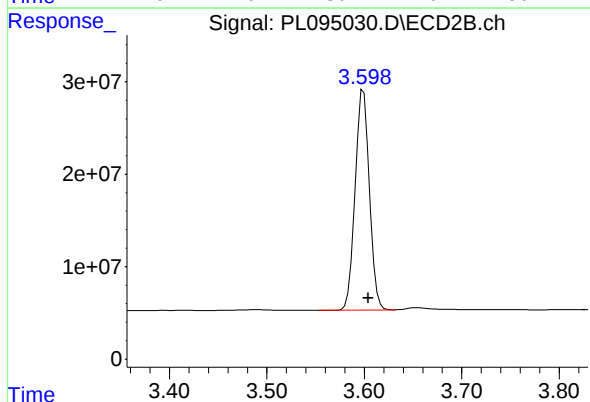
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 171765137
Conc: 43.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

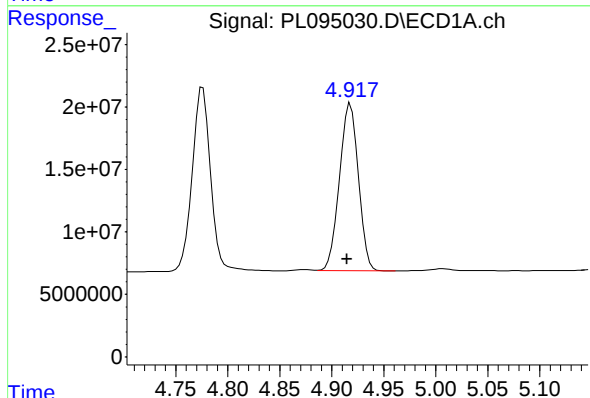
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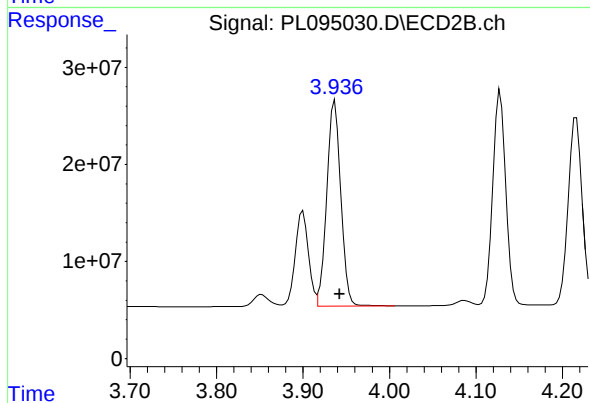
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 242316450
Conc: 47.15 ng/ml



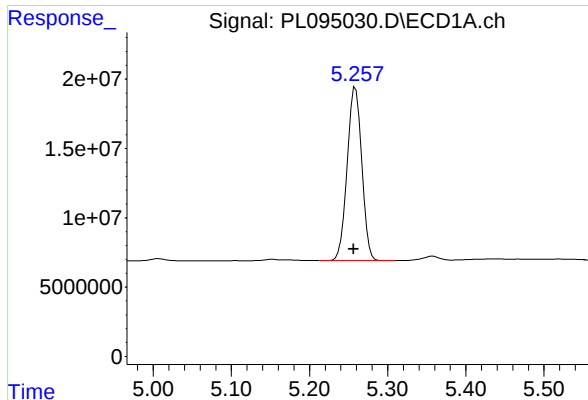
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.003 min
Response: 169905143
Conc: 43.77 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 236872721
Conc: 44.96 ng/ml



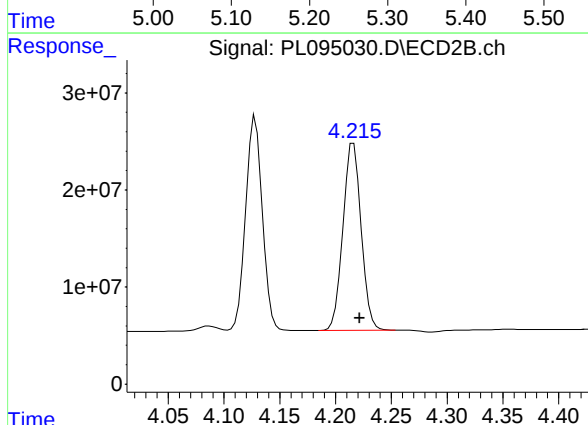
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 162088476
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

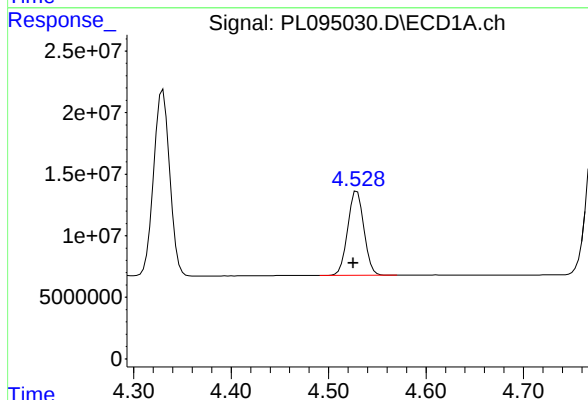
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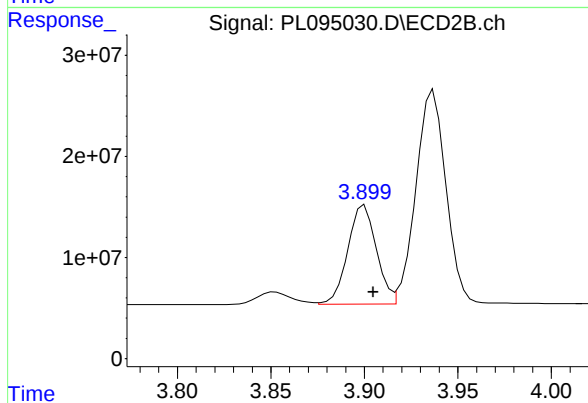
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 218691841
Conc: 44.85 ng/ml



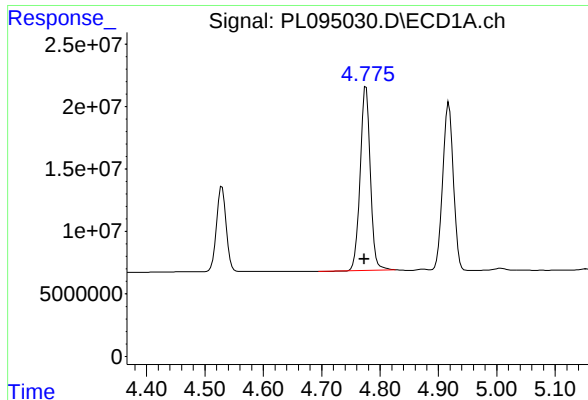
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 78923706
Conc: 42.77 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 104592148
Conc: 47.09 ng/ml



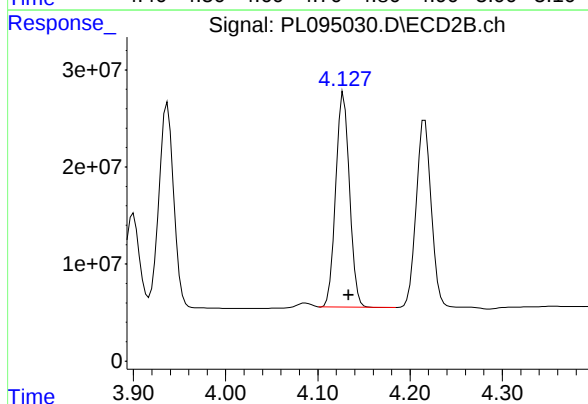
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.003 min
Response: 179089358
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

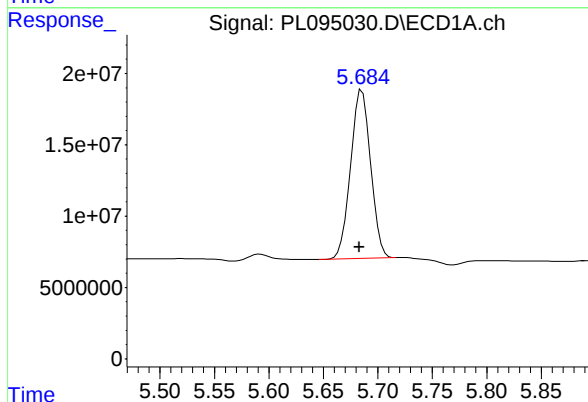
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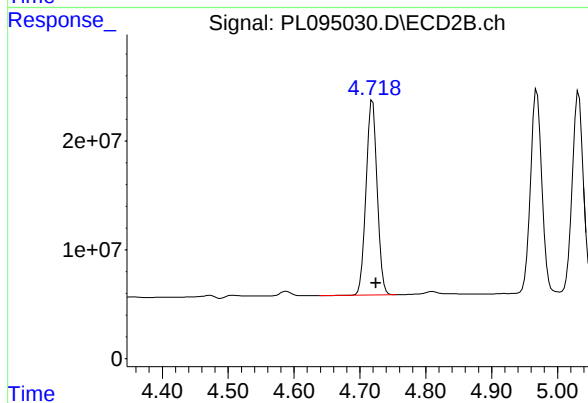
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 229111426
Conc: 45.80 ng/ml



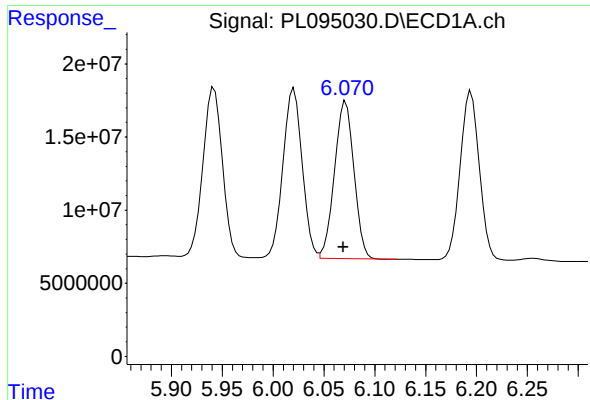
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 151015299
Conc: 45.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 210168920
Conc: 45.90 ng/ml



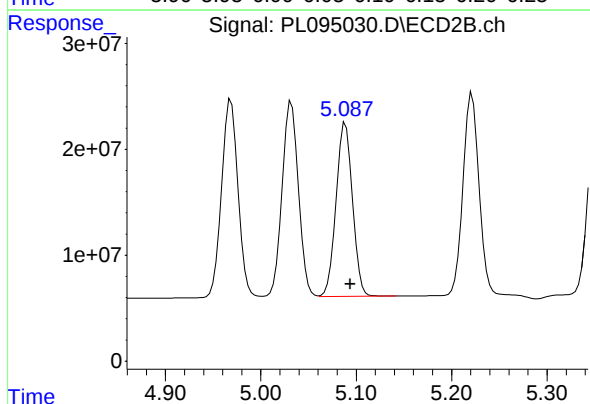
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 142996405
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

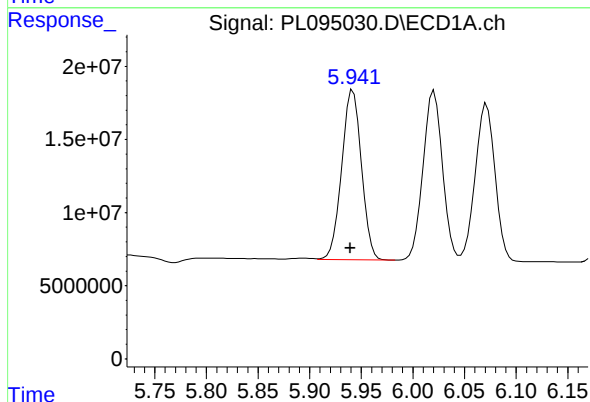
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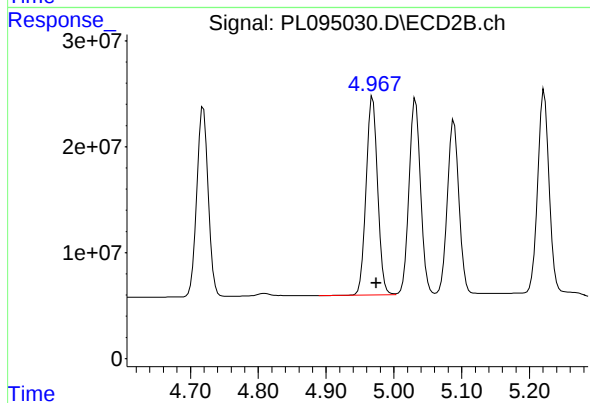
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 195732738
Conc: 44.60 ng/ml



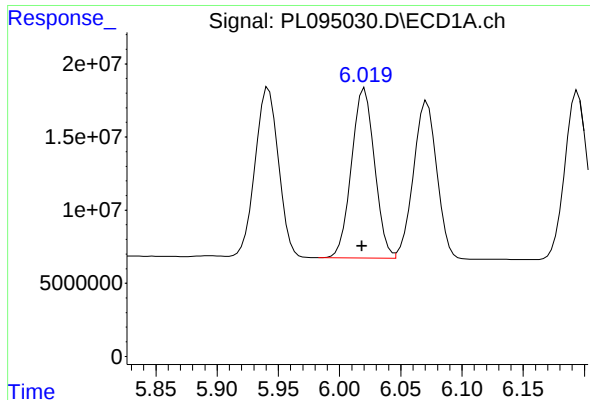
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 154412838
Conc: 45.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 222585356
Conc: 46.10 ng/ml



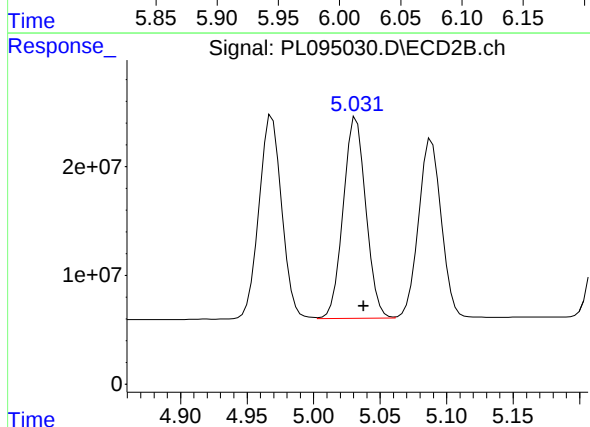
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 152429438
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

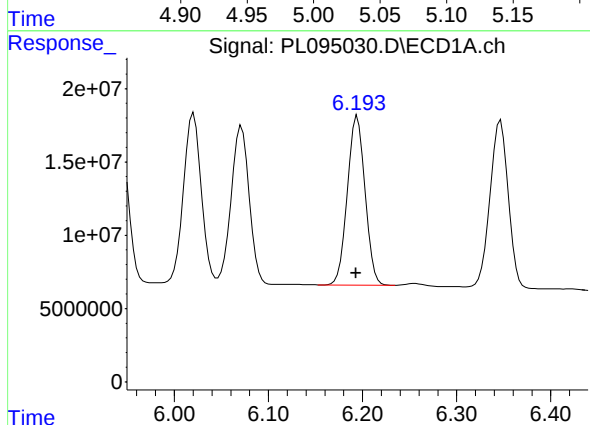
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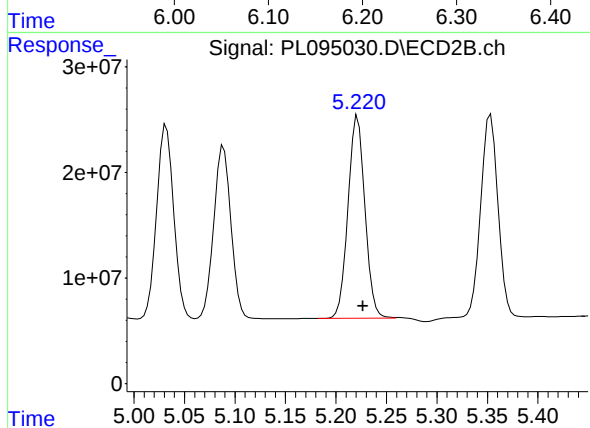
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 219259462
Conc: 45.94 ng/ml



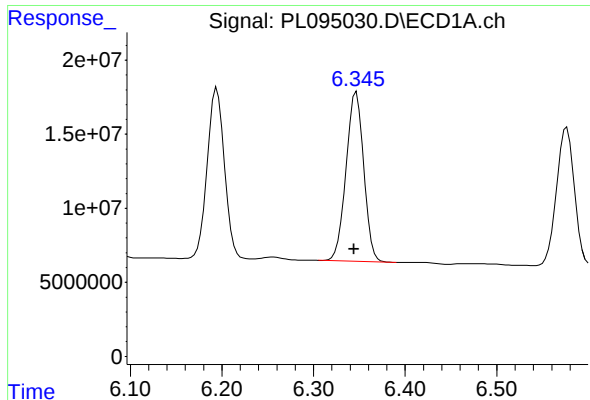
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 150838004
Conc: 51.27 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 224355792
Conc: 48.26 ng/ml m



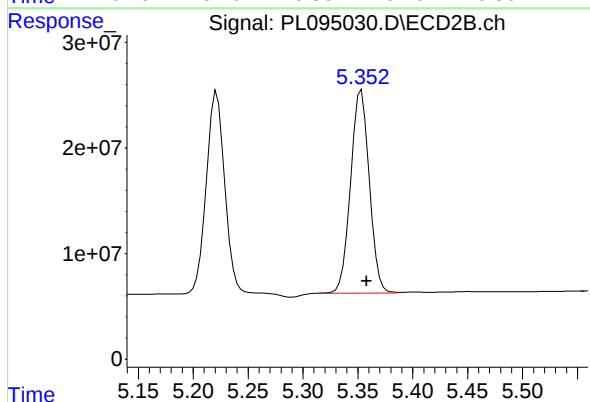
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 153471854
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

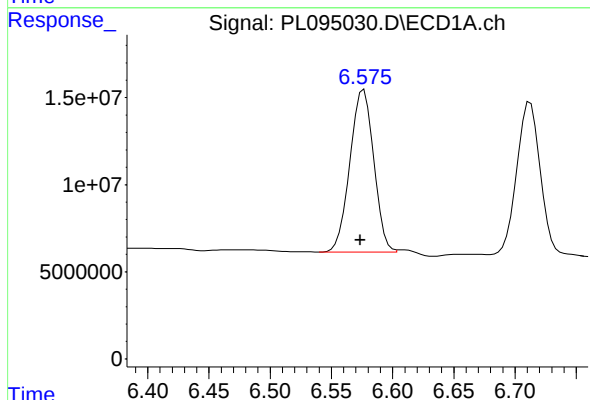
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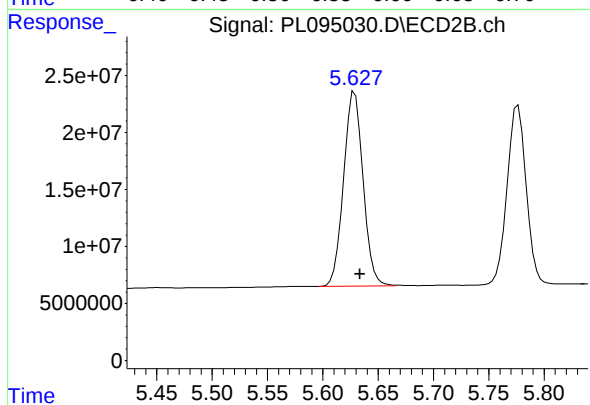
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 228175770
Conc: 47.03 ng/ml



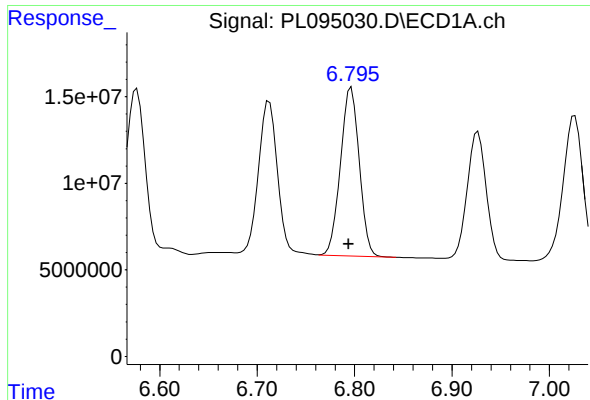
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 126897782
Conc: 45.78 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.006 min
Response: 209286867
Conc: 47.96 ng/ml



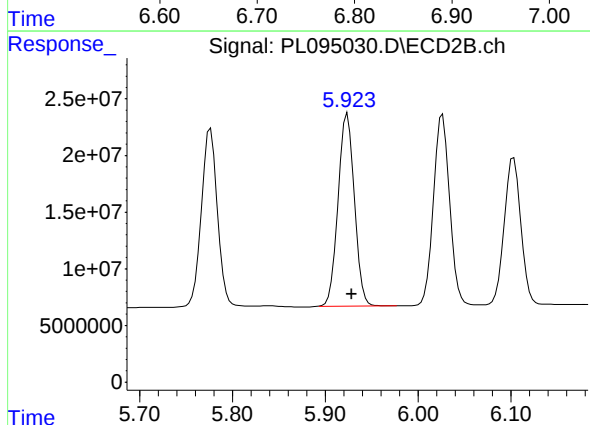
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 130074242
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

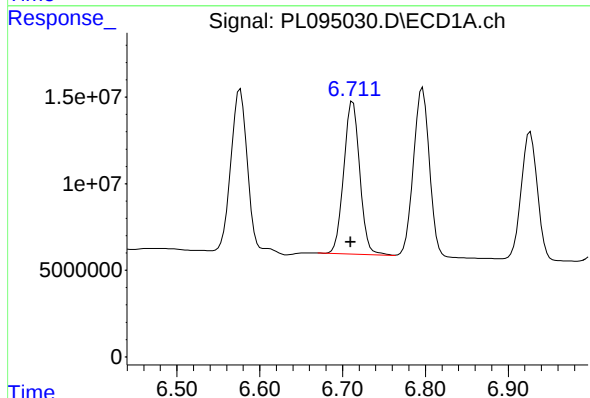
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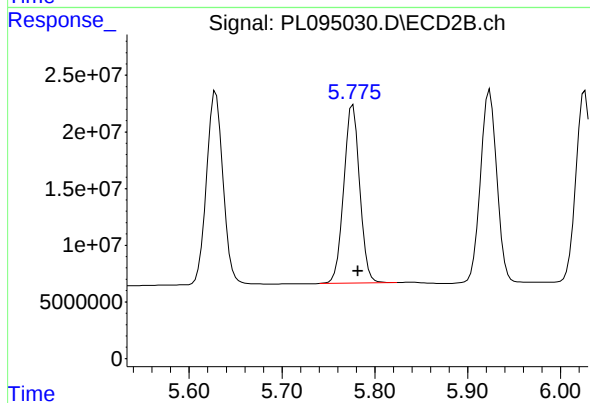
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 207734211
Conc: 47.99 ng/ml



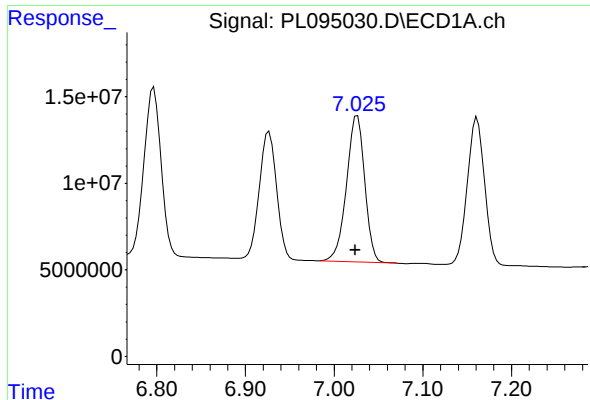
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 118683446
Conc: 54.79 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.005 min
Response: 187616530
Conc: 52.18 ng/ml



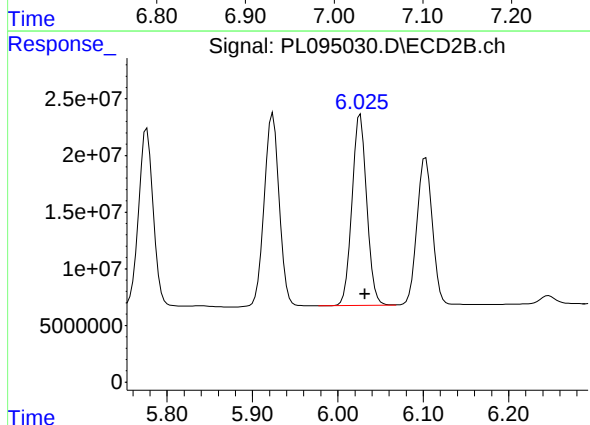
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 120603730
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

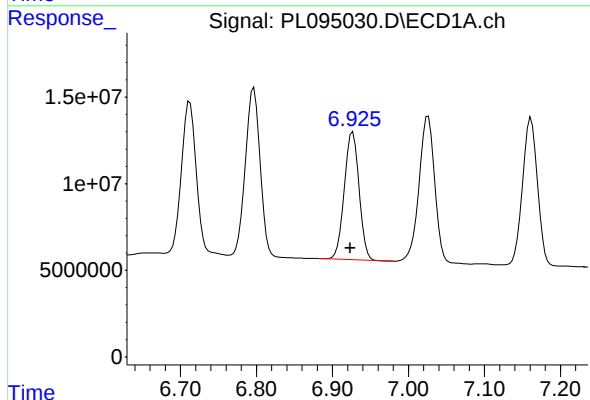
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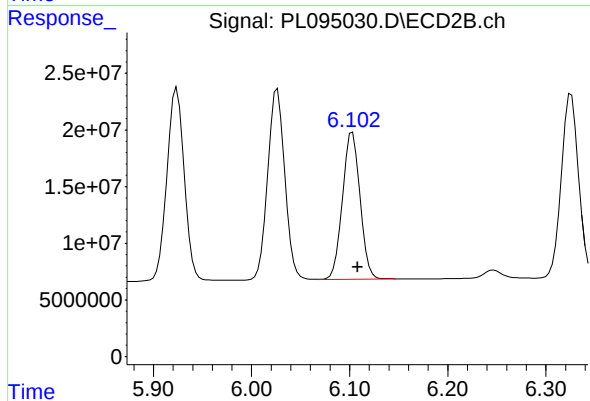
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 203824682
Conc: 50.55 ng/ml



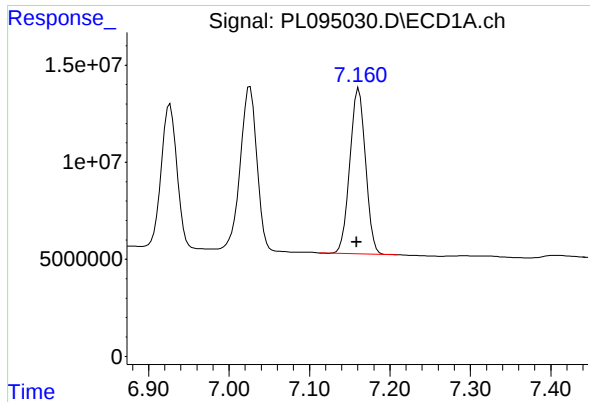
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 99742435
Conc: 47.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 161495574
Conc: 47.99 ng/ml



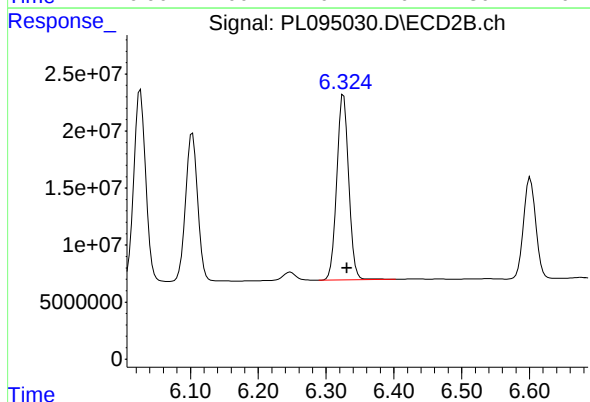
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 115140841
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

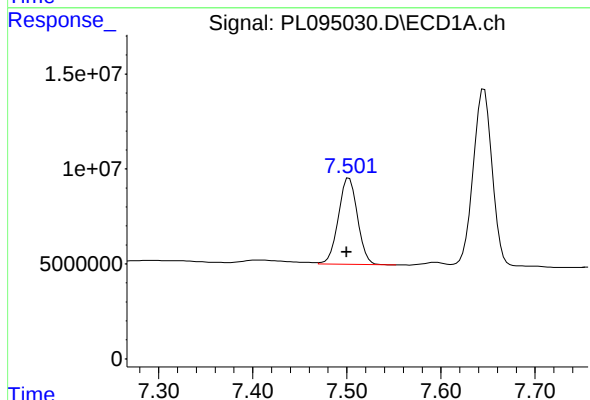
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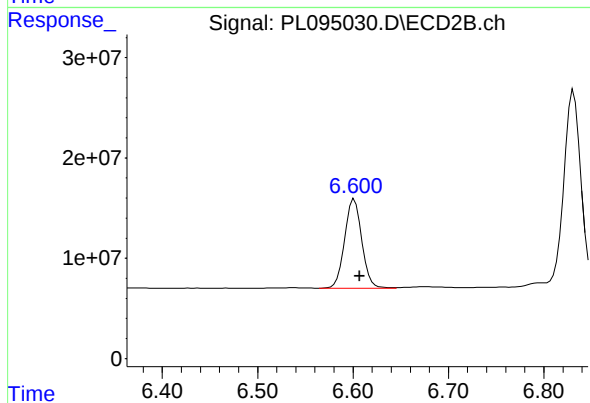
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 200199606
Conc: 49.15 ng/ml



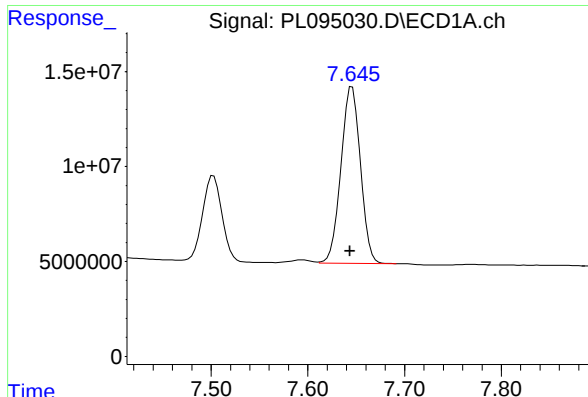
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 63926260
Conc: 53.40 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 111928489
Conc: 52.77 ng/ml



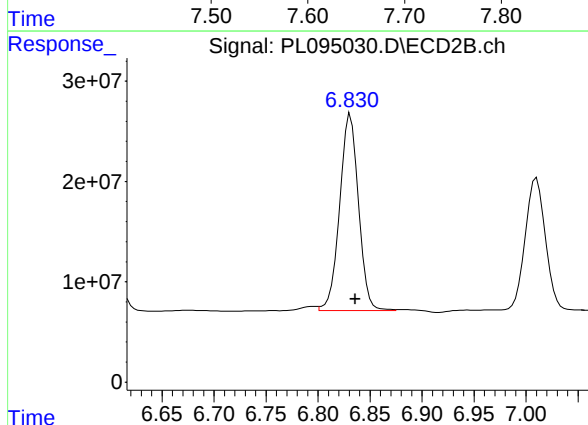
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 129586659
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

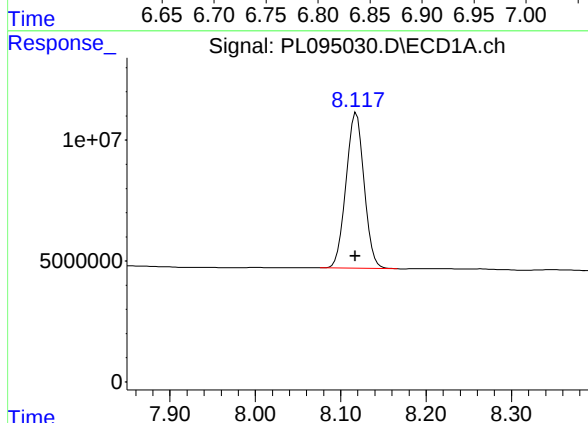
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



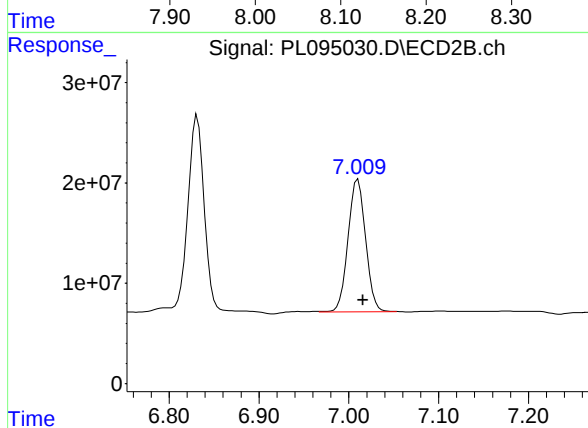
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 247518034
Conc: 51.86 ng/ml m



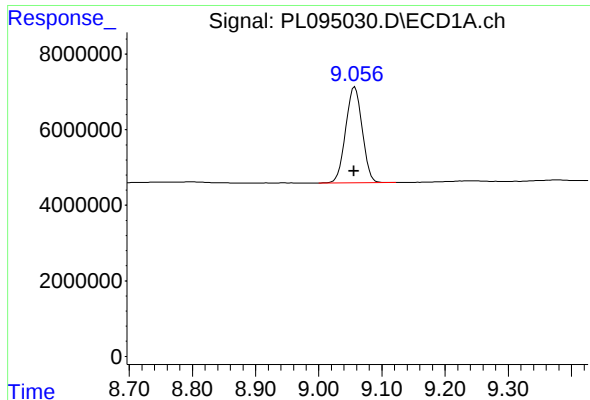
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 94749833
Conc: 45.86 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 179240602
Conc: 47.23 ng/ml m



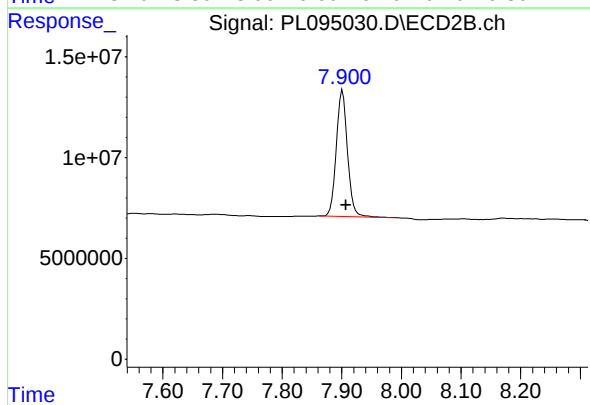
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.002 min
Response: 46200337
Conc: 21.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 81783526
Conc: 20.25 ng/ml