

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 15:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 15 15:20:20 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...	3.543	2.770	151.5E6	195.6E6	55.218	52.571
28)	SA Decachlor...	9.063	7.906	124.2E6	190.9E6	51.571	43.402
Target Compounds							
2)	A alpha-BHC	3.999	3.270	207.0E6	273.7E6	51.514	49.431m
3)	MA gamma-BHC...	4.331	3.602	196.6E6	259.5E6	51.130	49.306
4)	MA Heptachlor	4.919	3.940	193.9E6	272.0E6	52.888	52.307
5)	MB Aldrin	5.261	4.219	185.8E6	253.2E6	52.643	51.957
6)	B beta-BHC	4.531	3.902	86564180	112.6E6	49.373	48.604
7)	B delta-BHC	4.778	4.131	191.5E6	262.4E6	48.857	50.758
8)	B Heptachlo...	5.688	4.722	165.4E6	234.3E6	51.512	51.291
9)	A Endosulfan I	6.074	5.091	161.4E6	223.5E6	52.094	51.489
10)	B gamma-Chl...	5.945	4.972	173.7E6	245.2E6	51.991	50.916
11)	B alpha-Chl...	6.024	5.035	171.5E6	243.2E6	51.672	51.319
12)	B 4,4'-DDE	6.198	5.224	165.2E6	250.0E6	50.519	51.921
13)	MA Dieldrin	6.349	5.355	169.7E6	252.9E6	51.486	52.678
14)	MA Endrin	6.579	5.631	145.1E6	222.0E6	55.684	53.147
15)	B Endosulfa...	6.800	5.927	143.0E6	208.5E6	50.148	47.502
16)	A 4,4'-DDD	6.716	5.779	125.4E6	186.6E6	49.396	47.971
17)	MA 4,4'-DDT	7.029	6.029	130.5E6	204.7E6	51.281	49.143
18)	B Endrin al...	6.930	6.106	104.5E6	153.9E6	47.461	45.666
19)	B Endosulfa...	7.165	6.329	126.2E6	209.1E6	49.098	50.070
20)	A Methoxychlor	7.507	6.605	66068600	112.5E6	49.326	50.080
21)	B Endrin ke...	7.650	6.835	136.0E6	218.8E6	47.112	43.387
22)	Mirex	8.123	7.014	101.2E6	175.8E6	47.564	44.702

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 15:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

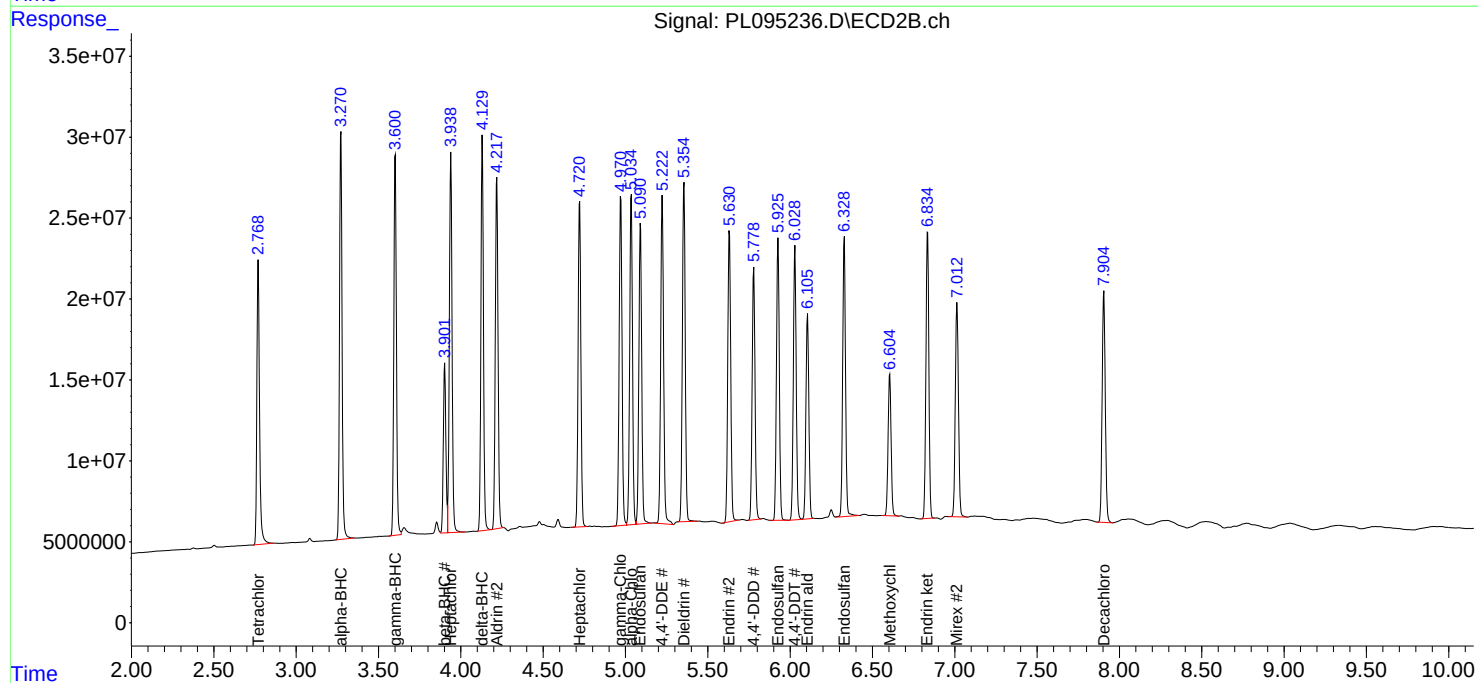
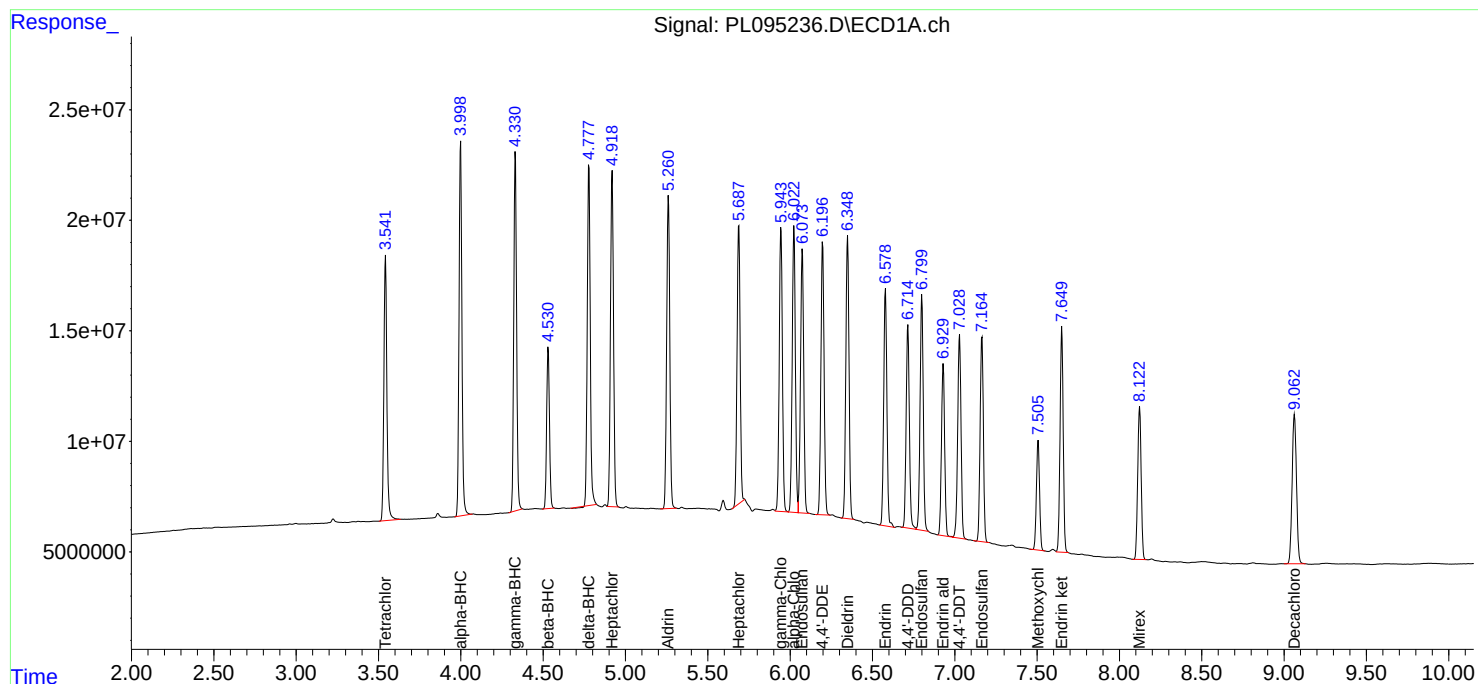
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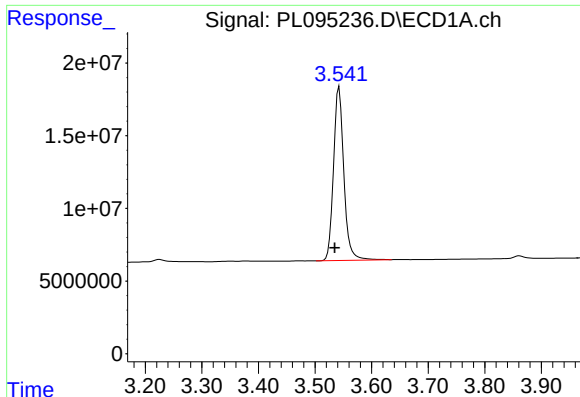
Reviewed By :Abdul Mirza 04/16/2025

Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 15:20:20 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





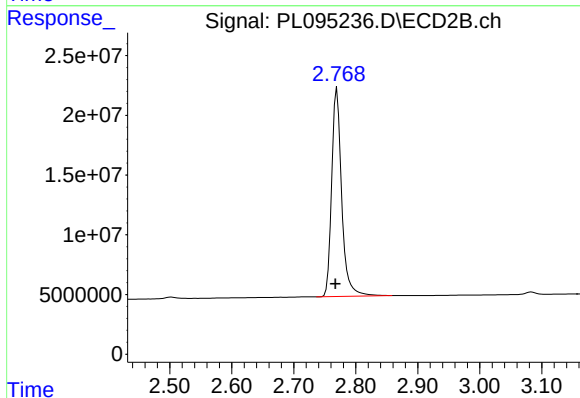
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.008 min
Response: 151478060
Conc: 55.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

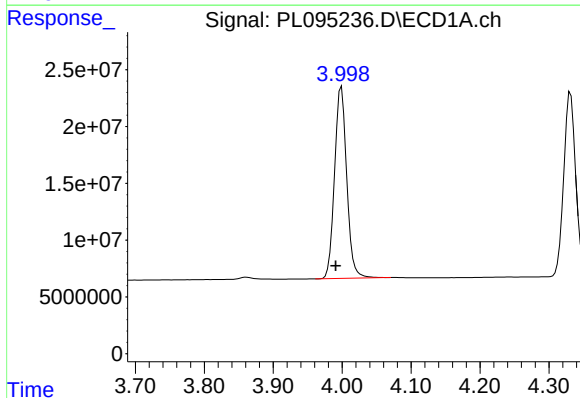
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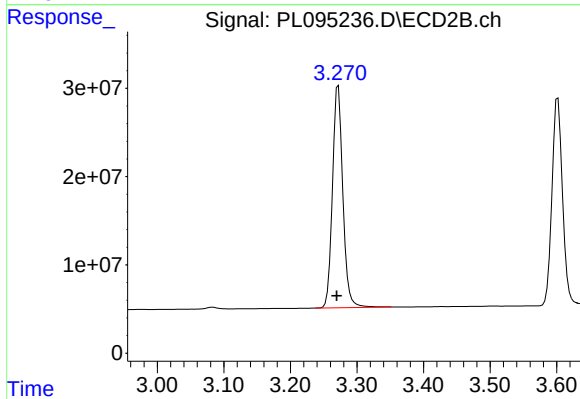
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.002 min
Response: 195629184
Conc: 52.57 ng/ml



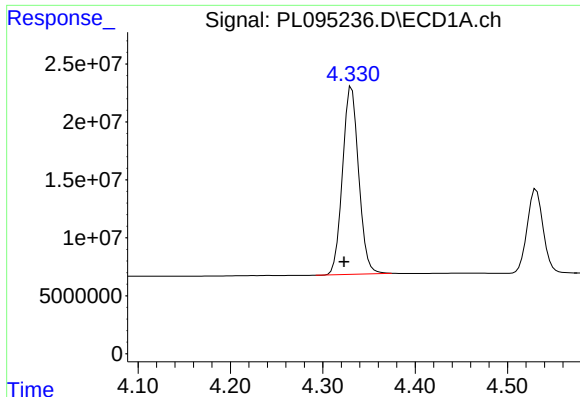
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 207041952
Conc: 51.51 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.001 min
Response: 273723420
Conc: 49.43 ng/ml m



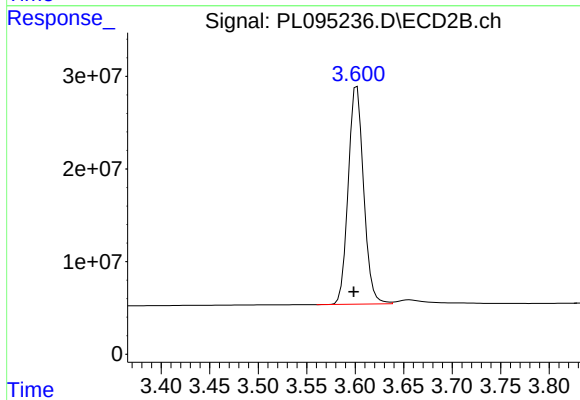
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.008 min
Response: 196625452
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

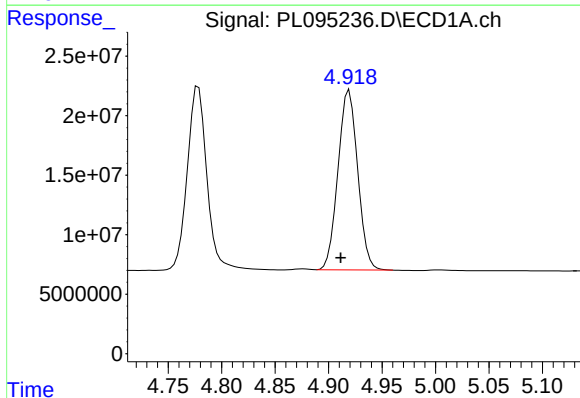
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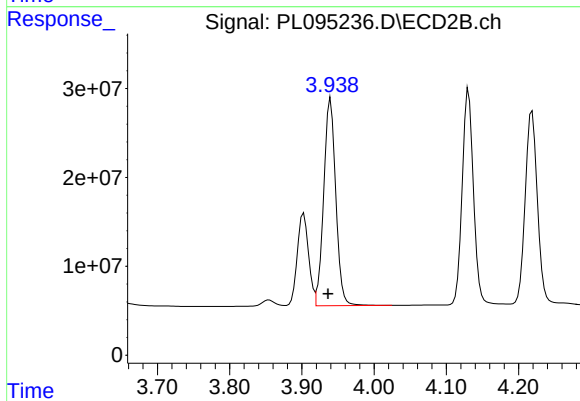
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.003 min
Response: 259501282
Conc: 49.31 ng/ml



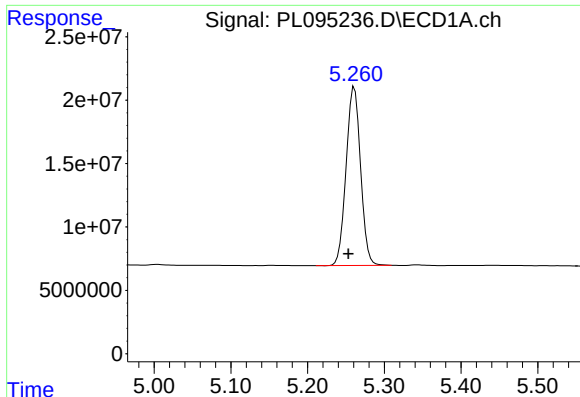
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.008 min
Response: 193908911
Conc: 52.89 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 271970928
Conc: 52.31 ng/ml



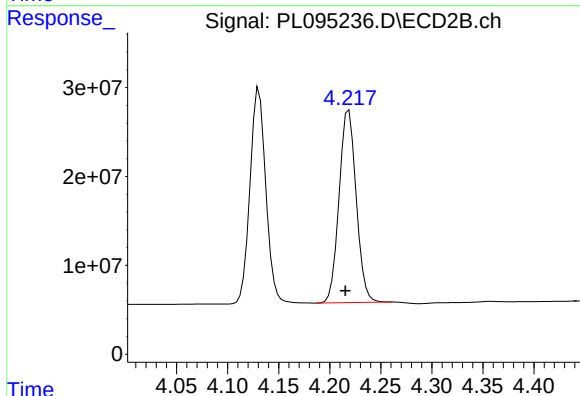
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.008 min
Response: 185783477
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

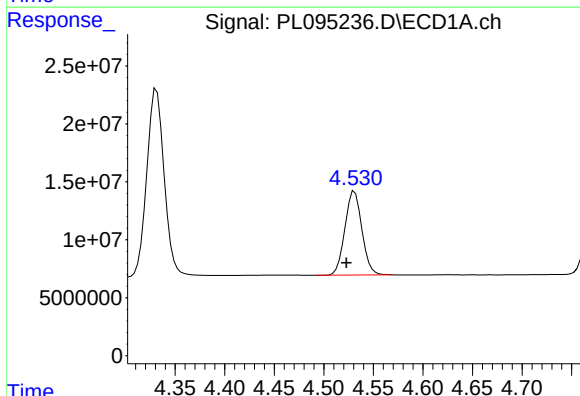
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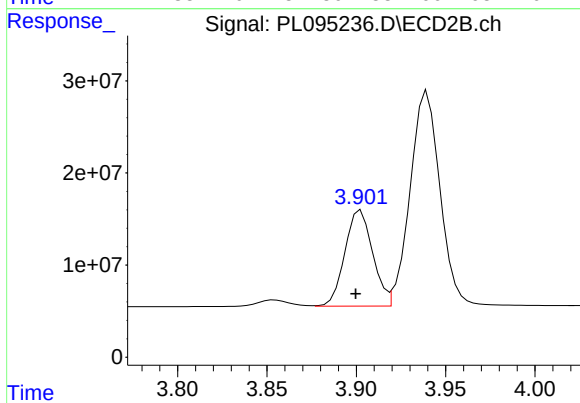
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 253214383
Conc: 51.96 ng/ml



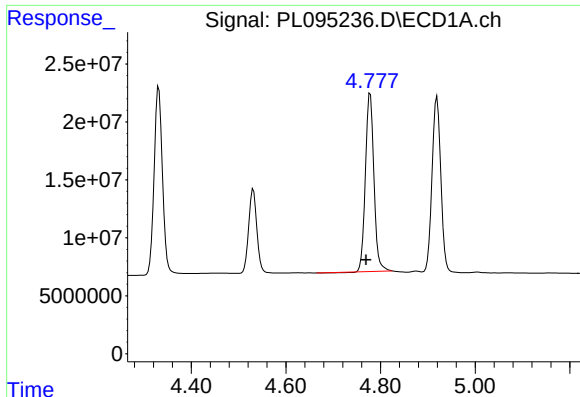
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: 86564180
Conc: 49.37 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.003 min
Response: 112623174
Conc: 48.60 ng/ml



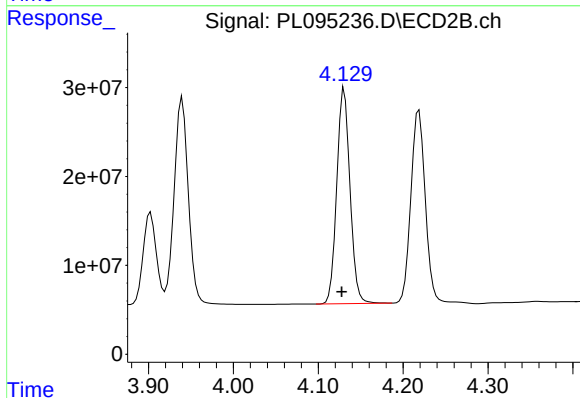
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.009 min
Response: 191454215
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

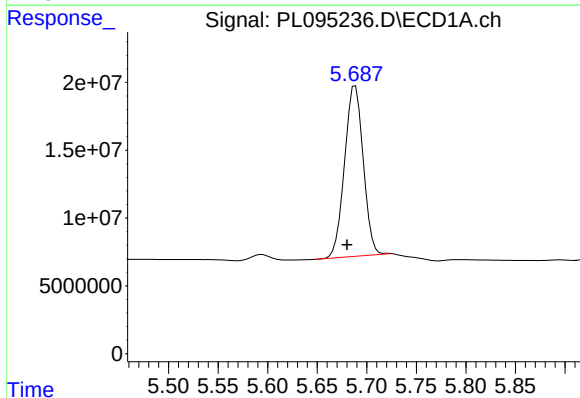
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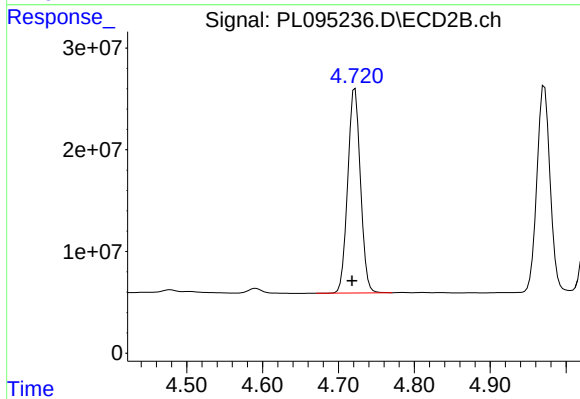
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: 0.003 min
Response: 262419260
Conc: 50.76 ng/ml



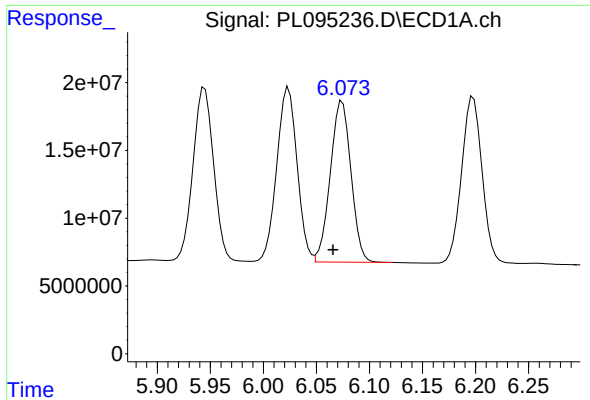
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.008 min
Response: 165392396
Conc: 51.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.004 min
Response: 234331037
Conc: 51.29 ng/ml



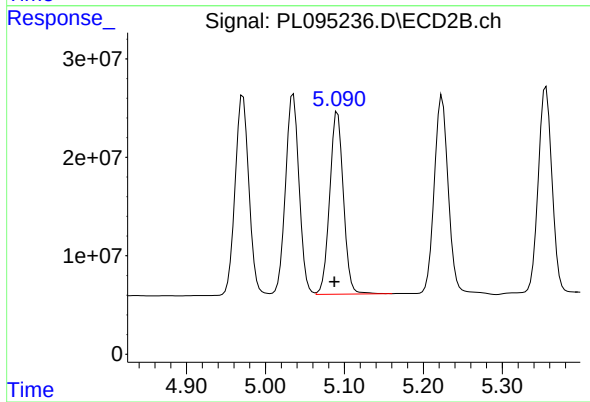
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.008 min
Response: 161409330
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

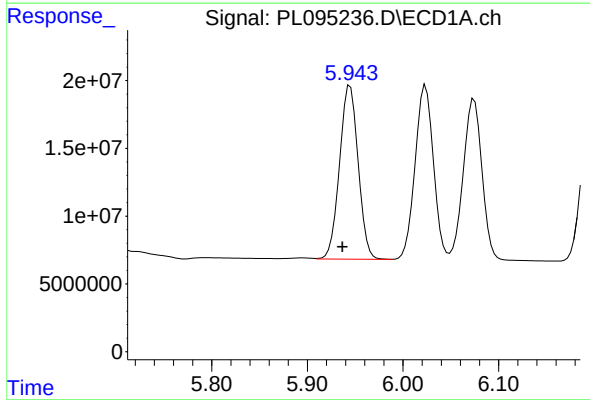
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Supervised By :mohammad ahmed 04/16/2025



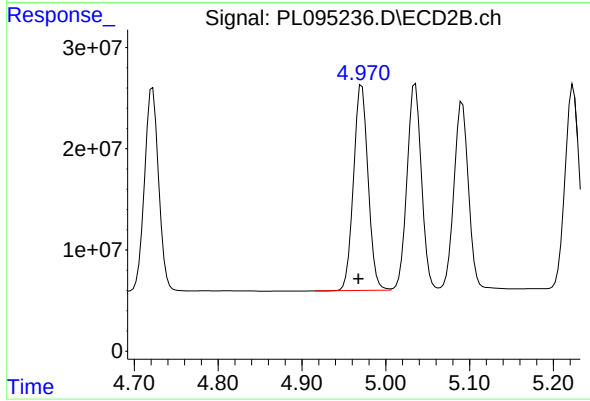
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: 0.004 min
Response: 223509256
Conc: 51.49 ng/ml



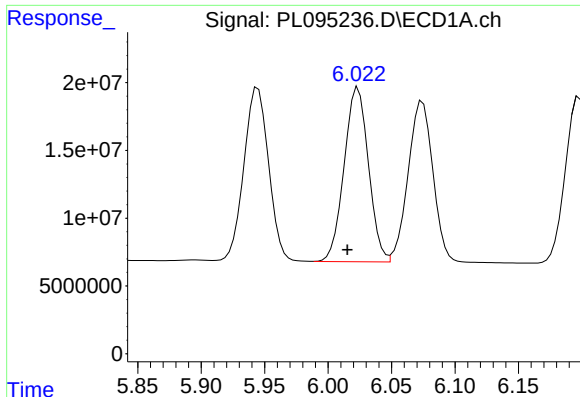
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.008 min
Response: 173673898
Conc: 51.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.004 min
Response: 245249176
Conc: 50.92 ng/ml



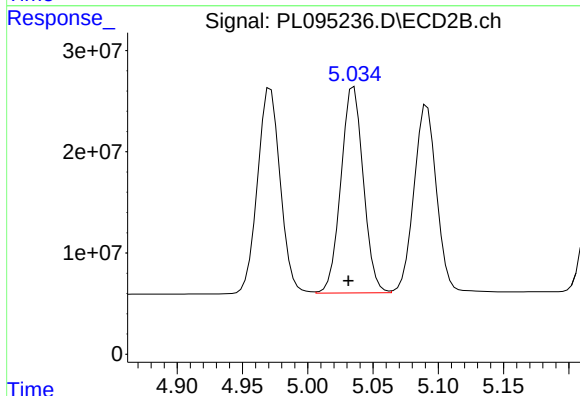
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.008 min
Response: 171523334
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

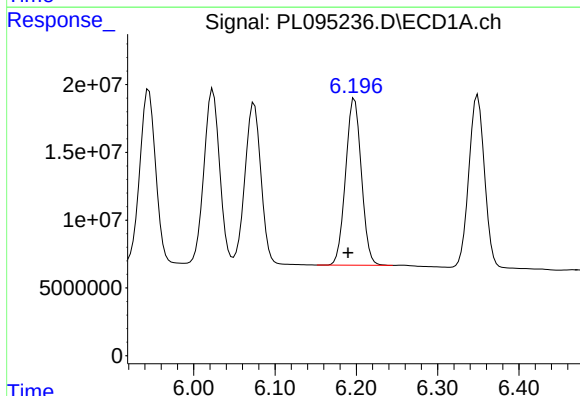
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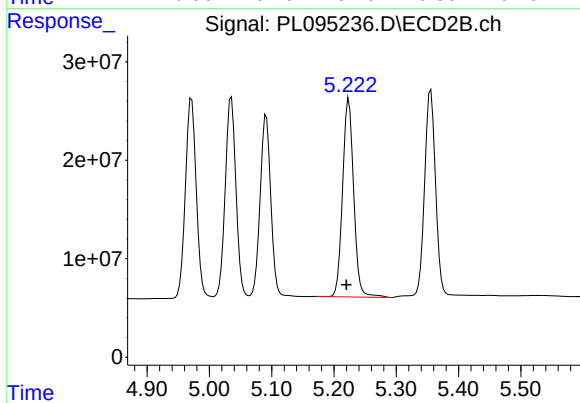
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.004 min
Response: 243231898
Conc: 51.32 ng/ml



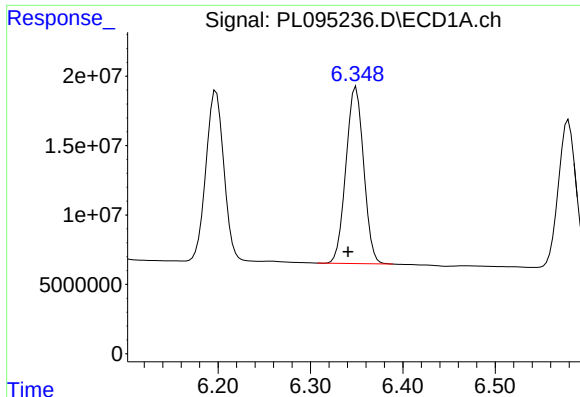
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.008 min
Response: 165190280
Conc: 50.52 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.004 min
Response: 249985596
Conc: 51.92 ng/ml



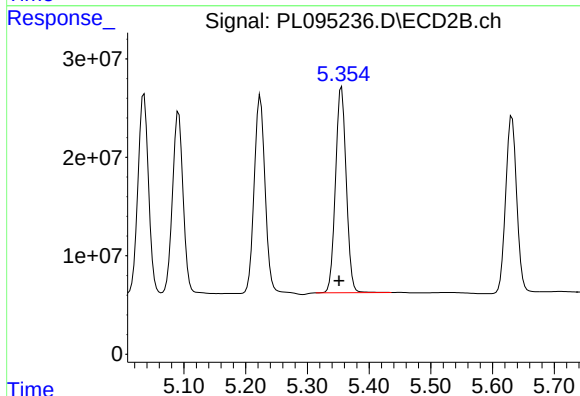
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.008 min
Response: 169650429
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

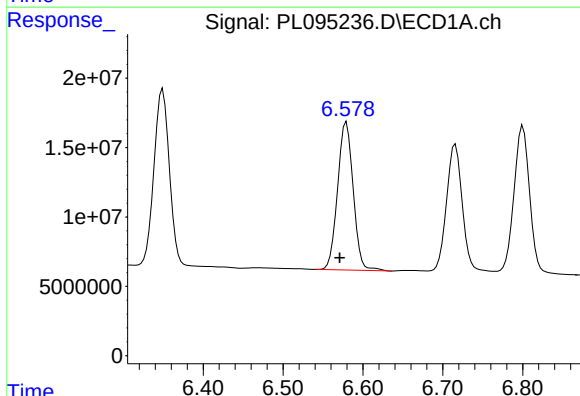
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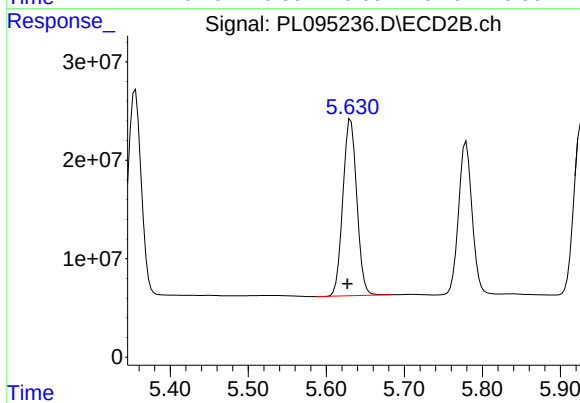
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: 0.004 min
Response: 252859311
Conc: 52.68 ng/ml



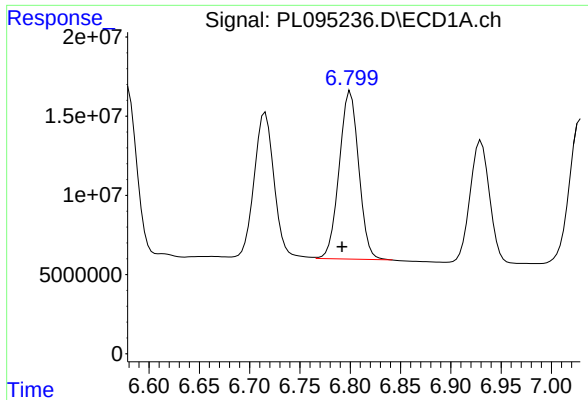
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.008 min
Response: 145119599
Conc: 55.68 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.004 min
Response: 222017610
Conc: 53.15 ng/ml



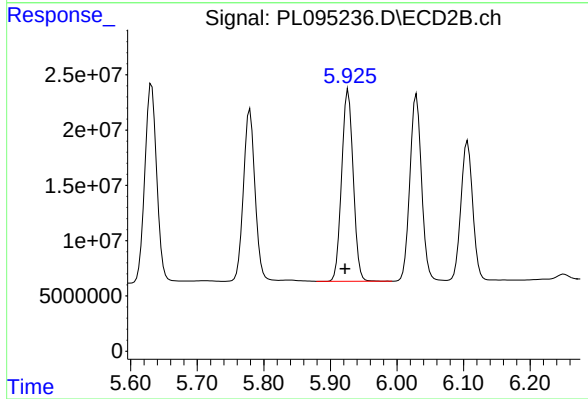
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.008 min
Response: 143038531
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

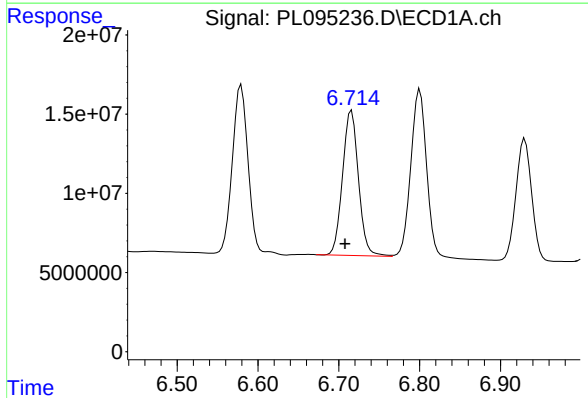
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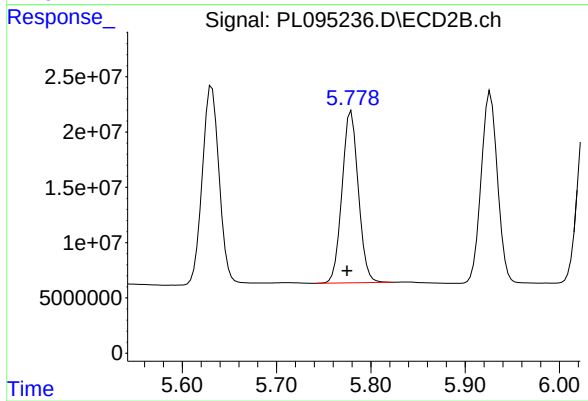
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.005 min
Response: 208549747
Conc: 47.50 ng/ml



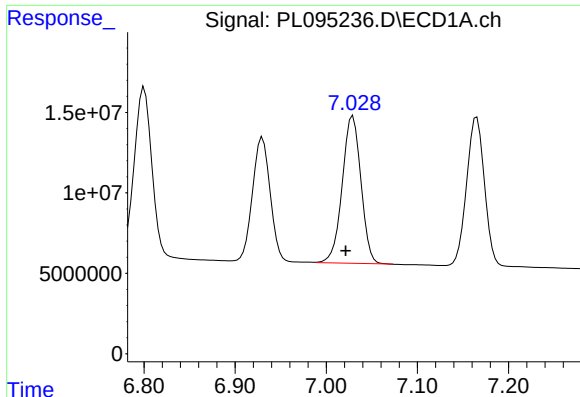
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.008 min
Response: 125421510
Conc: 49.40 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: 0.004 min
Response: 186604475
Conc: 47.97 ng/ml



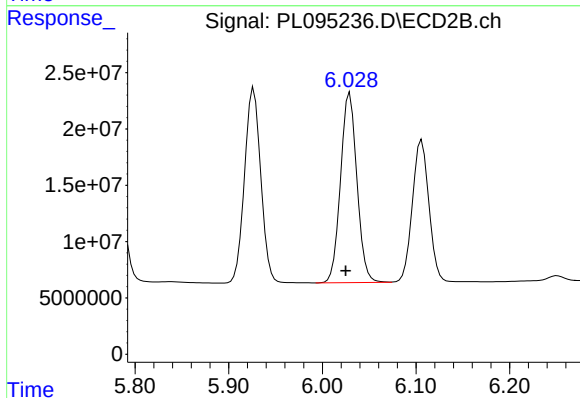
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.008 min
Response: 130536878
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

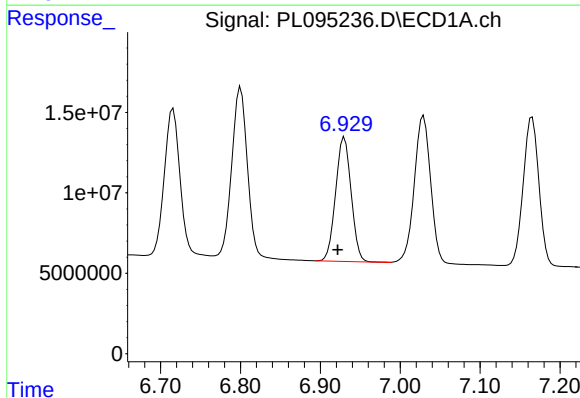
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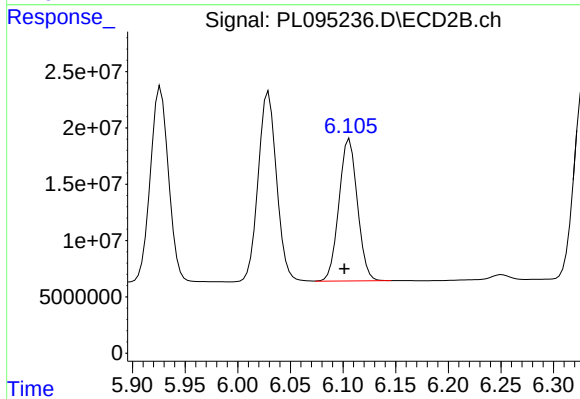
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.004 min
Response: 204726422
Conc: 49.14 ng/ml



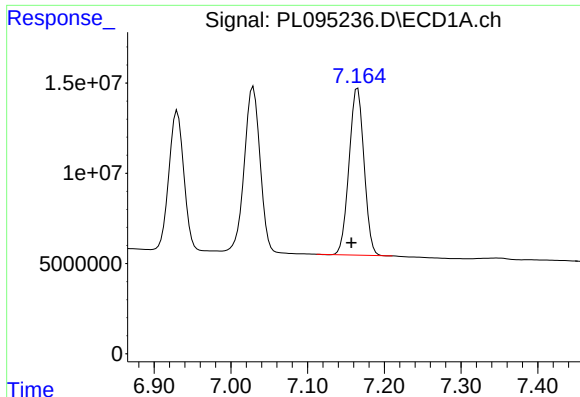
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.008 min
Response: 104466379
Conc: 47.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.005 min
Response: 153886576
Conc: 45.67 ng/ml



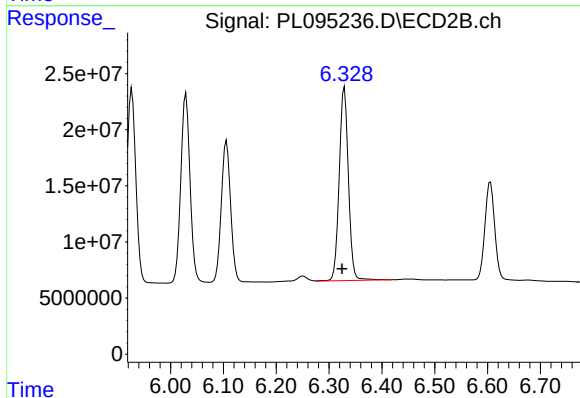
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.008 min
Response: 126163402
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

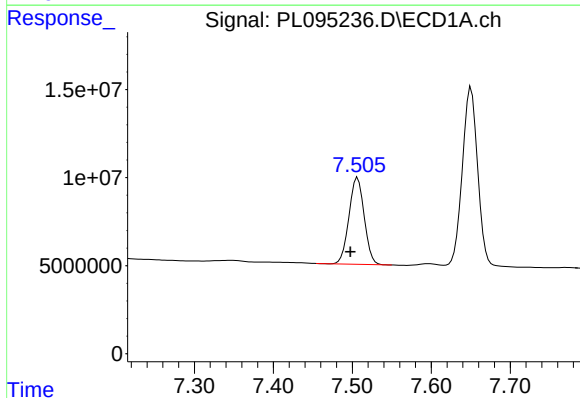
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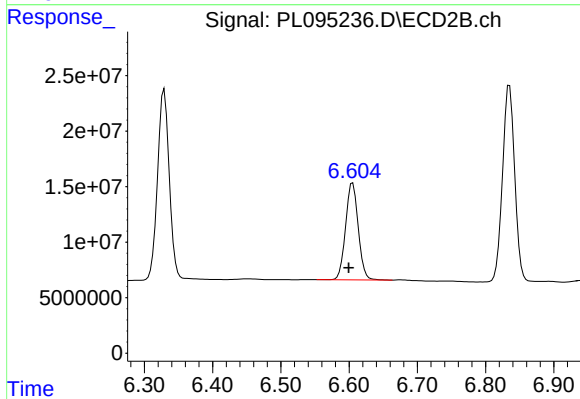
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.005 min
Response: 209115033
Conc: 50.07 ng/ml



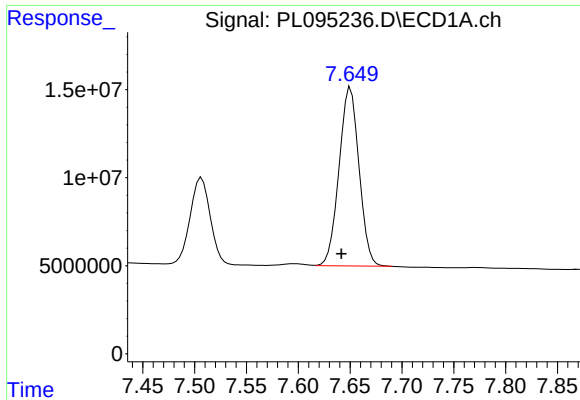
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.009 min
Response: 66068600
Conc: 49.33 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.006 min
Response: 112463851
Conc: 50.08 ng/ml



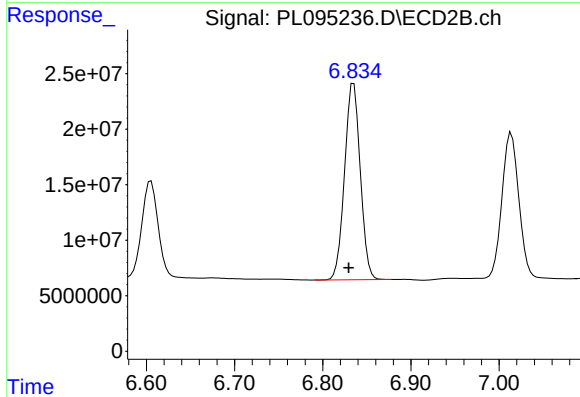
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.009 min
Response: 135997622
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

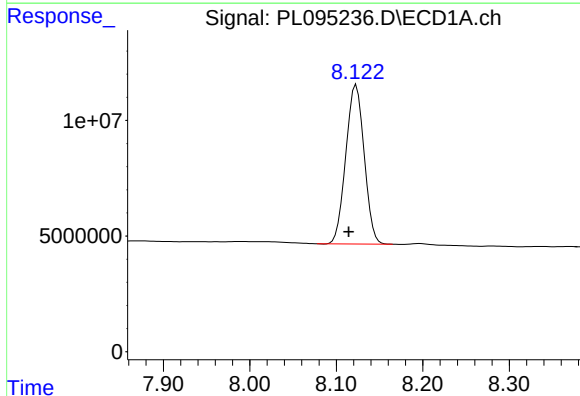
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Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



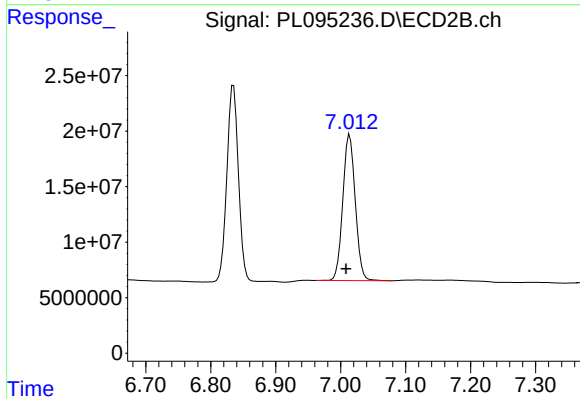
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.006 min
Response: 218760831
Conc: 43.39 ng/ml



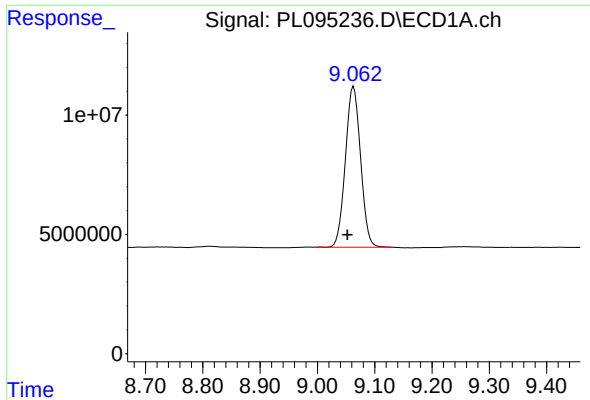
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.009 min
Response: 101179226
Conc: 47.56 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.006 min
Response: 175757477
Conc: 44.70 ng/ml



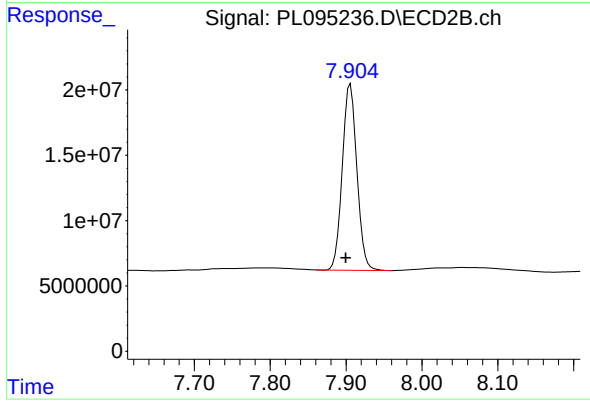
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.011 min
Response: 124168356
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.006 min
Response: 190929481
Conc: 43.40 ng/ml