

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
 Data File : PL096053.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 15:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/16/2025
 Supervised By : mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:33:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 14:04:36 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...	3.571	2.883	171.9E6	218.9E6	52.900	53.926
28)	SA Decachlor...	9.112	8.065	111.7E6	204.7E6	45.712	43.060
Target Compounds							
2)	A alpha-BHC	4.022	3.392	266.5E6	339.7E6	53.347	55.695
3)	MA gamma-BHC...	4.353	3.725	245.0E6	318.0E6	52.532	54.697
4)	MA Heptachlor	4.950	4.077	201.7E6	300.2E6	48.922	52.098
5)	MB Aldrin	5.292	4.361	224.8E6	302.7E6	50.478	55.176
6)	B beta-BHC	4.541	4.020	104.7E6	138.9E6	52.852	53.929
7)	B delta-BHC	4.789	4.255	234.1E6	316.9E6	51.464	54.795
8)	B Heptachlo...	5.714	4.863	197.7E6	273.0E6	50.117	53.185
9)	A Endosulfan I	6.097	5.236	184.4E6	259.5E6	49.318	46.902
10)	B gamma-Chl...	5.968	5.116	203.3E6	291.2E6	50.304	53.566
11)	B alpha-Chl...	6.049	5.181	198.1E6	284.5E6	49.167	49.912
12)	B 4,4'-DDE	6.220	5.369	185.0E6	280.3E6	49.740	51.746
13)	MA Dieldrin	6.370	5.502	195.6E6	282.0E6	49.083	51.965
14)	MA Endrin	6.598	5.777	143.3E6	227.5E6	45.230	47.906
15)	B Endosulfa...	6.811	6.069	164.6E6	243.6E6	47.372	49.458
16)	A 4,4'-DDD	6.731	5.923	148.2E6	236.3E6	49.302	51.633
17)	MA 4,4'-DDT	7.047	6.177	122.3E6	207.3E6	42.951	43.991
18)	B Endrin al...	6.940	6.248	116.5E6	172.3E6	47.013	46.951
19)	B Endosulfa...	7.175	6.472	145.5E6	222.8E6	47.054	47.501
20)	A Methoxychlor	7.521	6.749	58809819	105.2E6	41.074m	40.888
21)	B Endrin ke...	7.657	6.978	160.7E6	259.1E6	47.888	46.837
22)	Mirex	8.140	7.172	115.9E6	193.6E6	45.940	44.368

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
Data File : PL096053.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 15:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

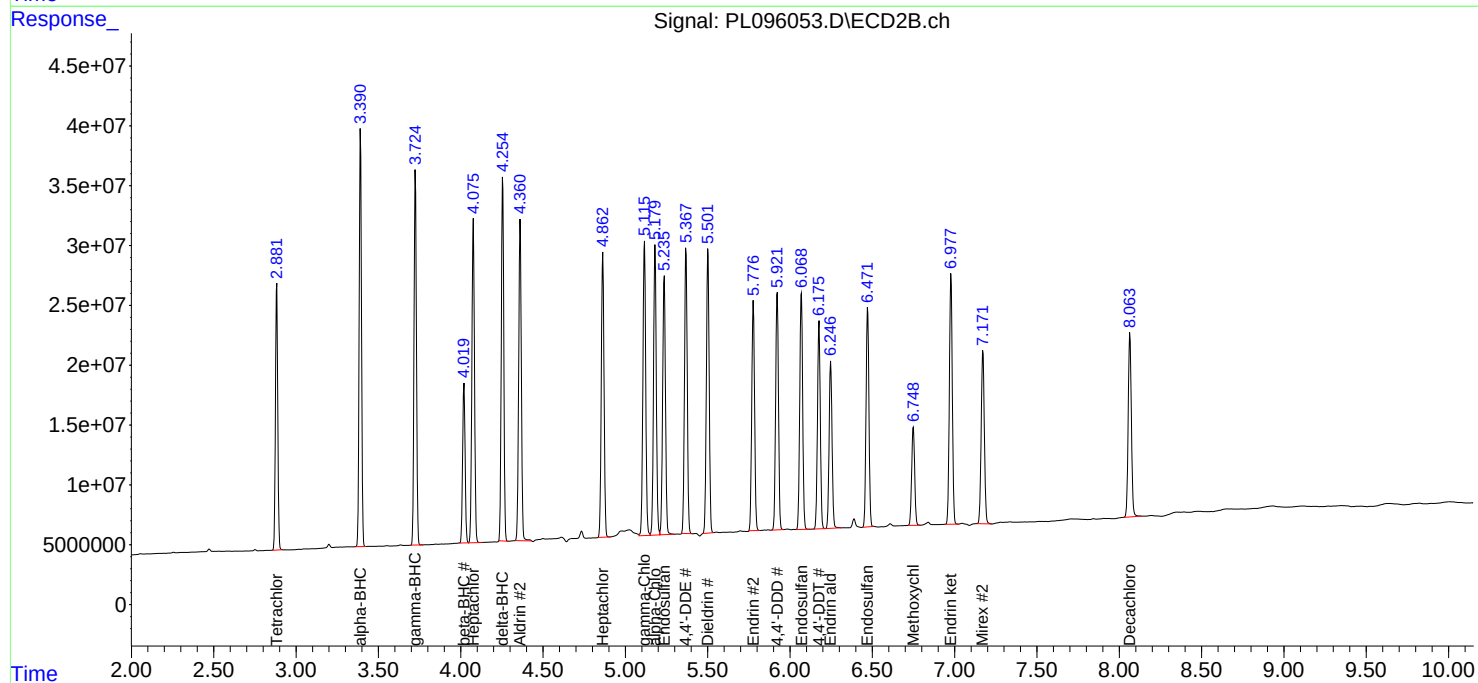
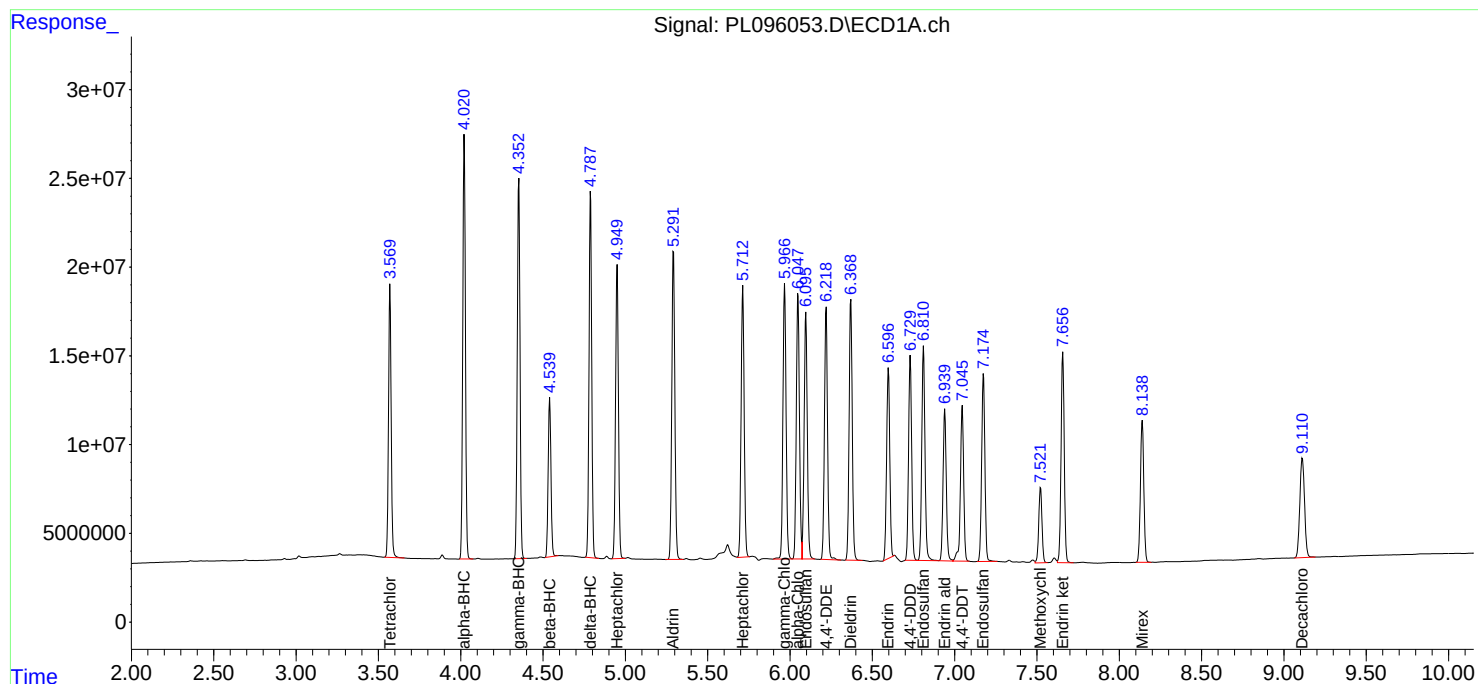
APPROVED

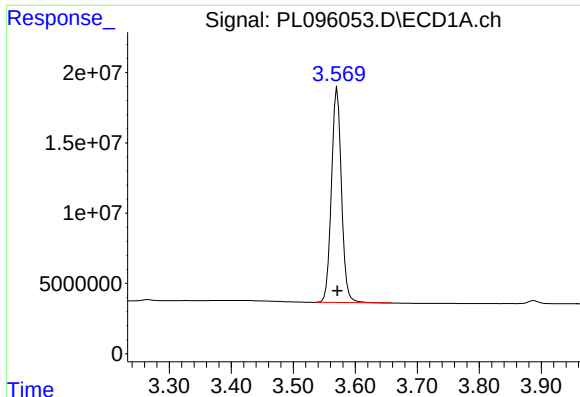
Reviewed By :Abdul Mirza 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:33:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
Quant Title : GC Extractables
QLast Update : Wed Jun 11 14:04:36 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





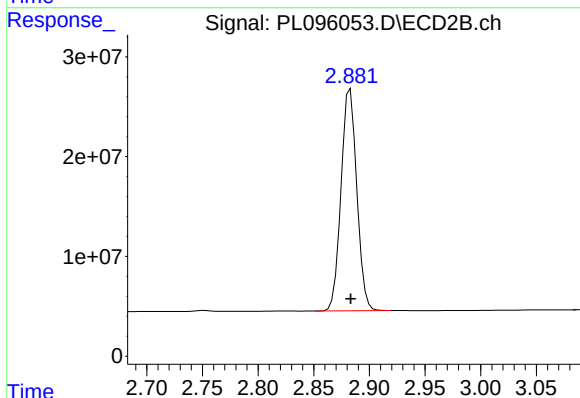
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 171893146
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

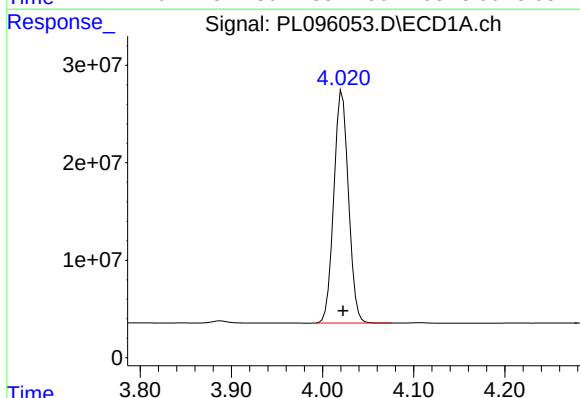
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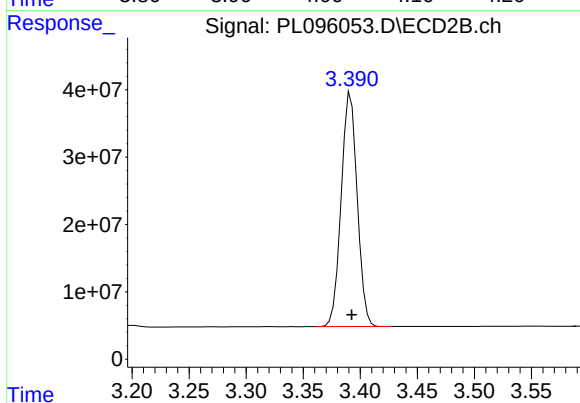
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 218862477
Conc: 53.93 ng/ml



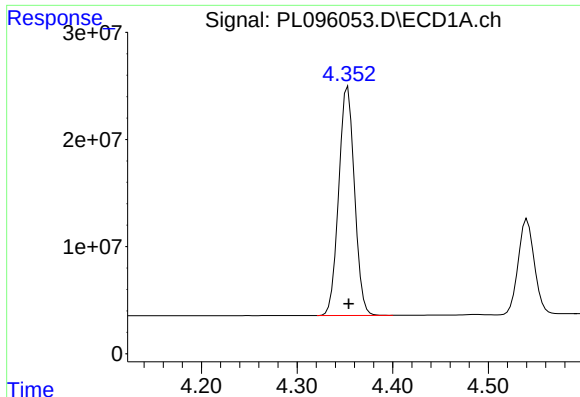
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 266474989
Conc: 53.35 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 339747249
Conc: 55.69 ng/ml



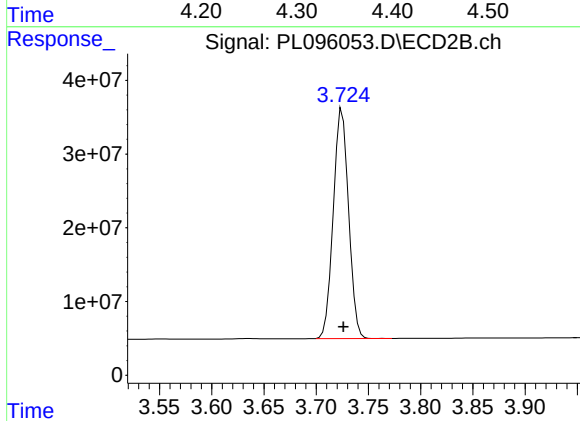
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 245030874
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

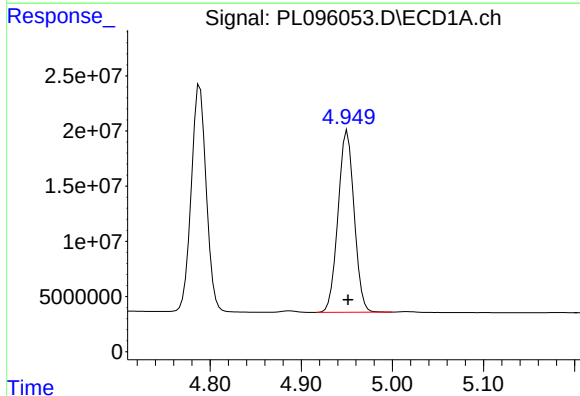
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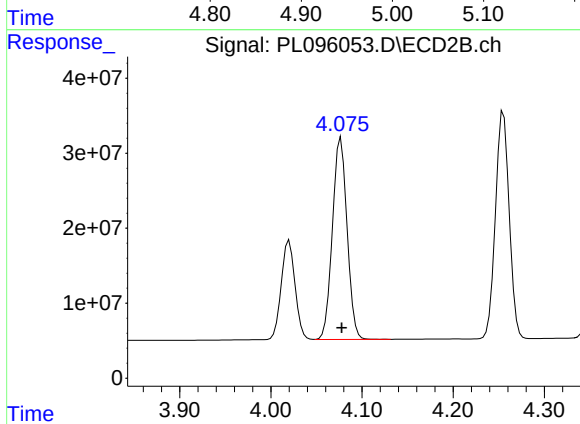
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 318016036
Conc: 54.70 ng/ml



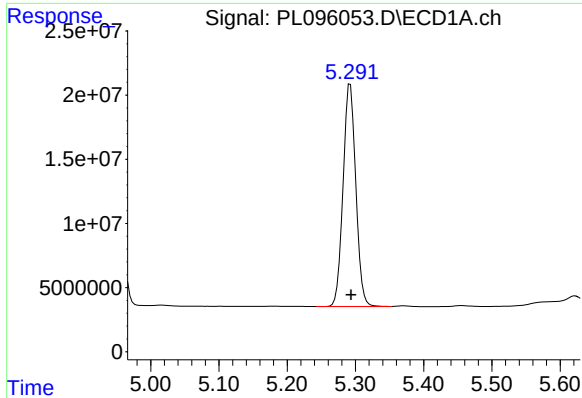
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 201688805
Conc: 48.92 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 300224960
Conc: 52.10 ng/ml



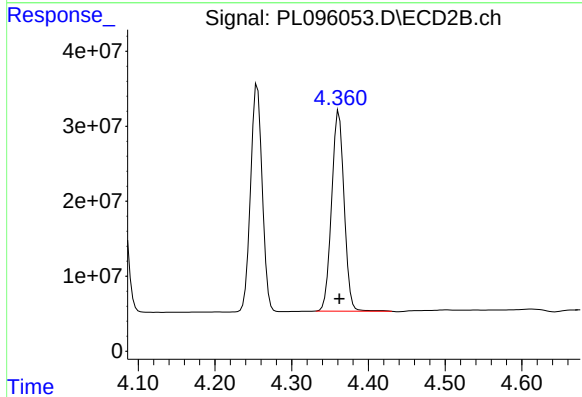
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: -0.001 min
Response: 224801928
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

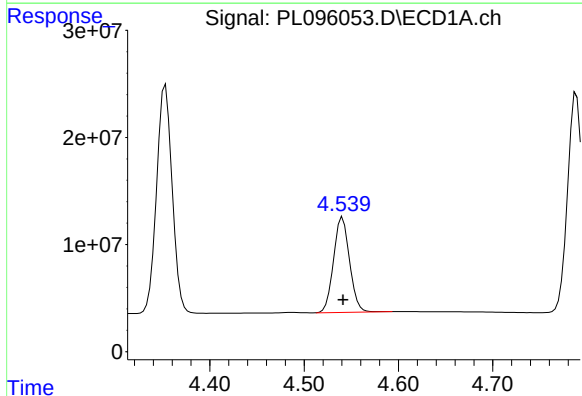
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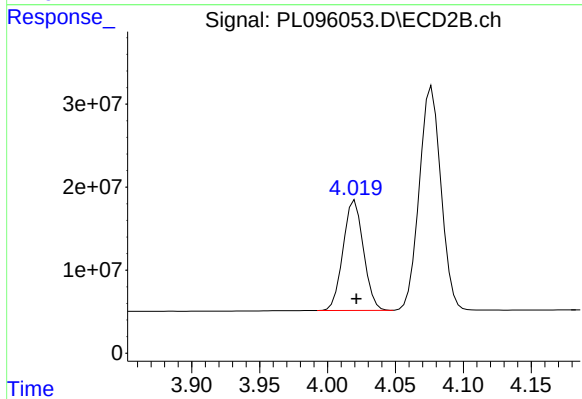
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 302684629
Conc: 55.18 ng/ml



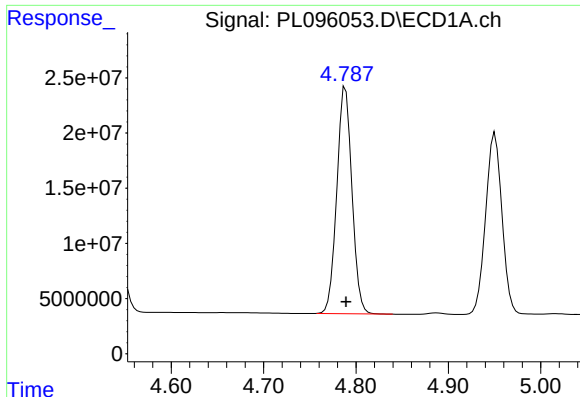
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 104714310
Conc: 52.85 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 138877735
Conc: 53.93 ng/ml



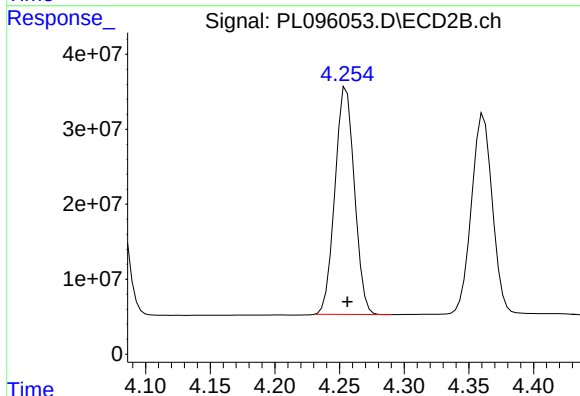
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 234124698
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

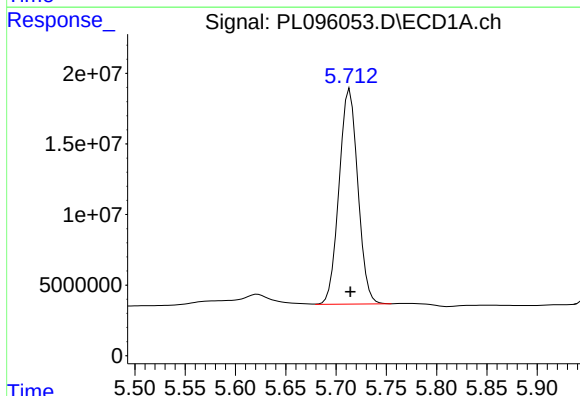
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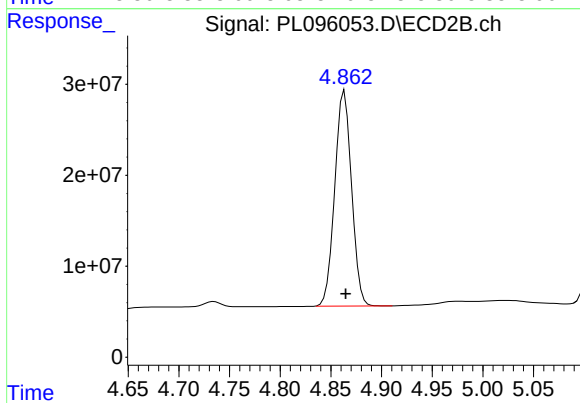
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 316901570
Conc: 54.79 ng/ml



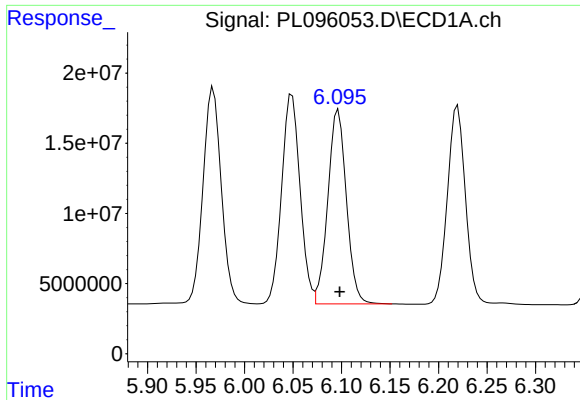
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 197690591
Conc: 50.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 272971295
Conc: 53.19 ng/ml



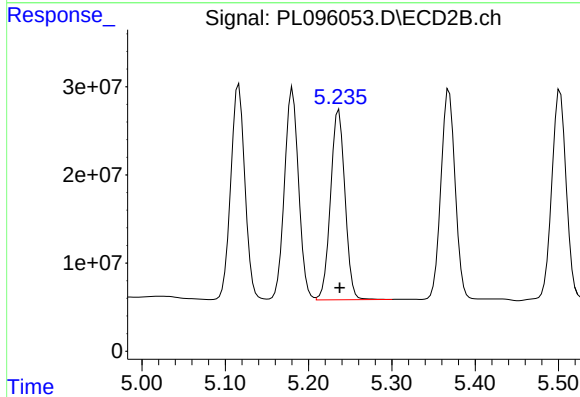
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: -0.001 min
Response: 184368700
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

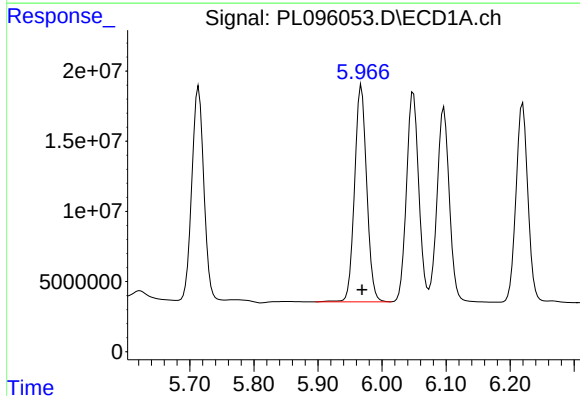
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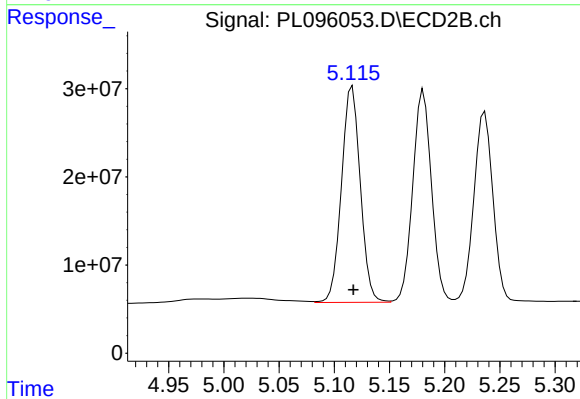
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 259481380
Conc: 46.90 ng/ml



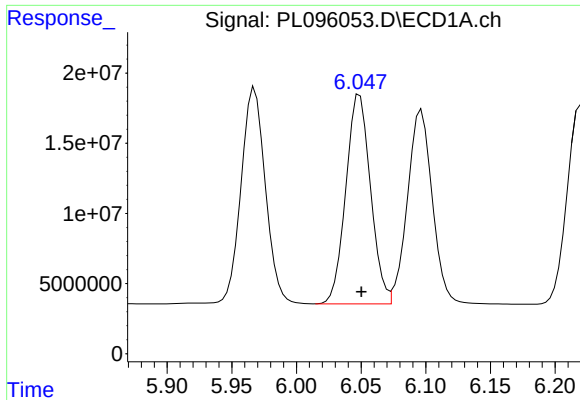
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 203346023
Conc: 50.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 291246044
Conc: 53.57 ng/ml



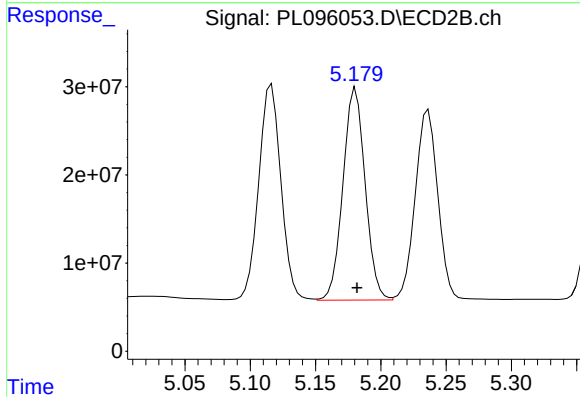
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.001 min
Response: 198130392
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

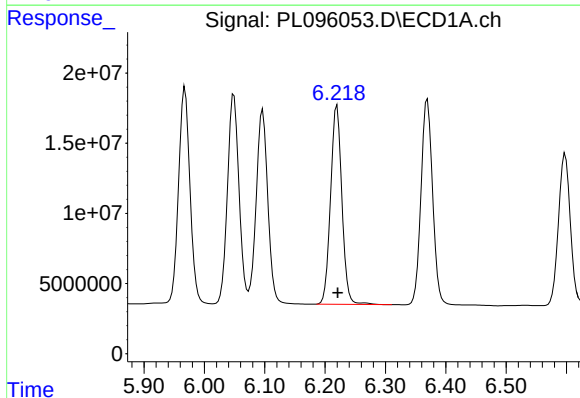
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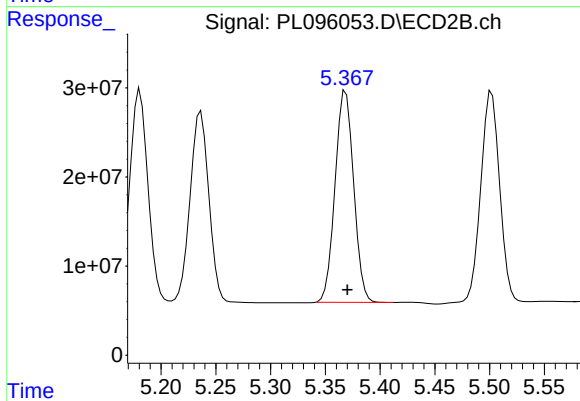
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 284457951
Conc: 49.91 ng/ml



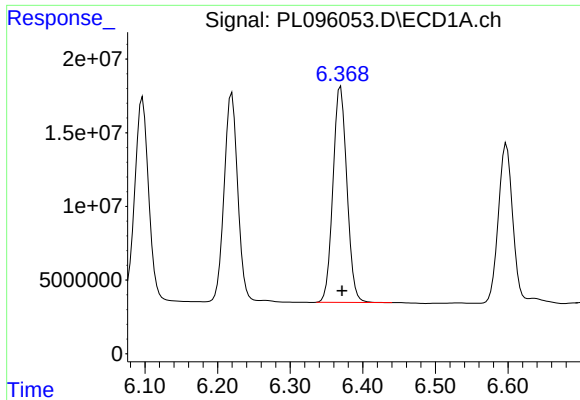
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: -0.001 min
Response: 185041068
Conc: 49.74 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.001 min
Response: 280349517
Conc: 51.75 ng/ml



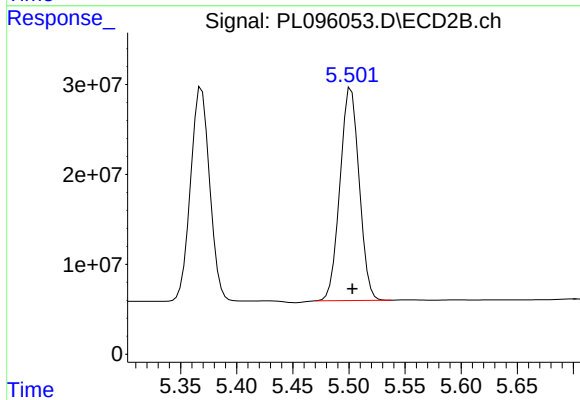
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 195614816
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

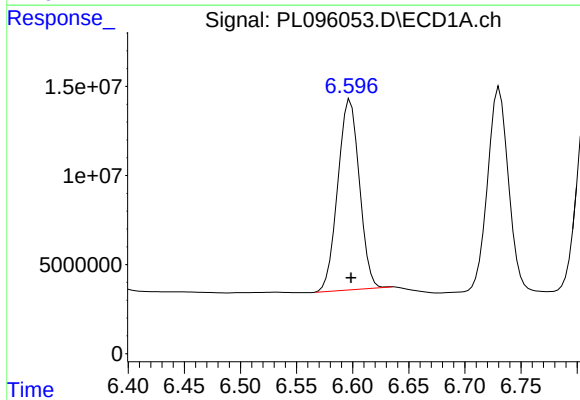
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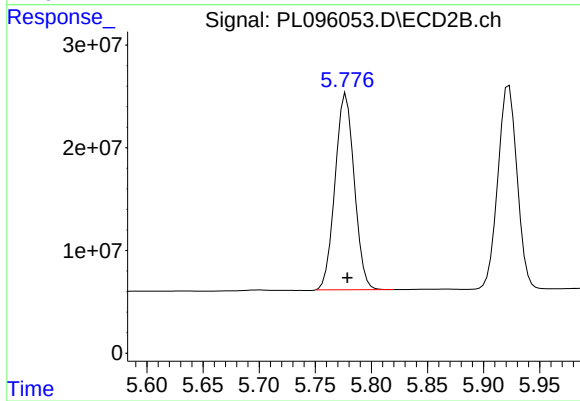
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 281989510
Conc: 51.97 ng/ml



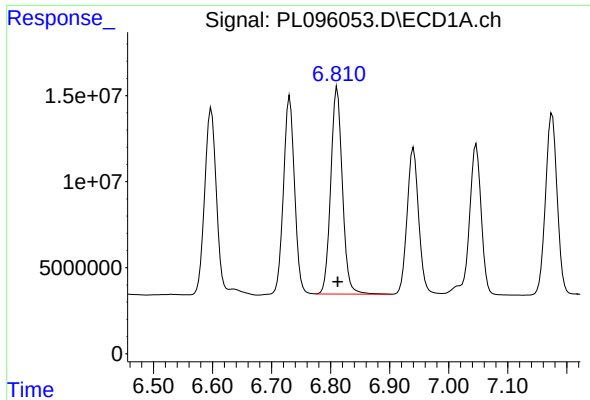
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 143254635
Conc: 45.23 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 227525722
Conc: 47.91 ng/ml



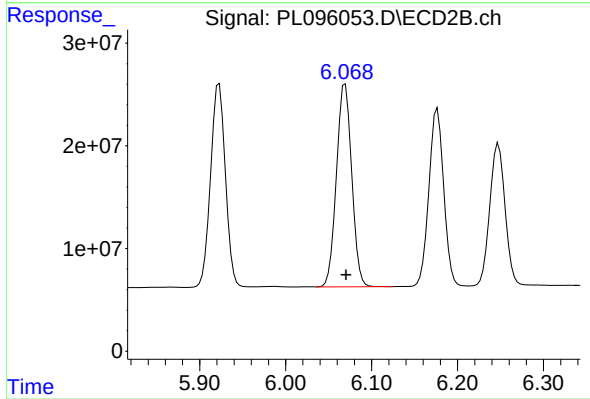
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 164637801
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

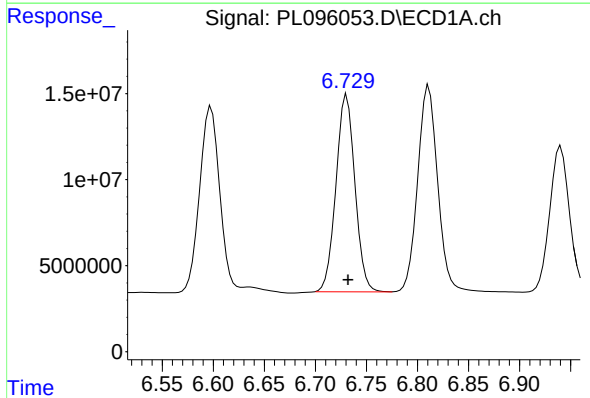
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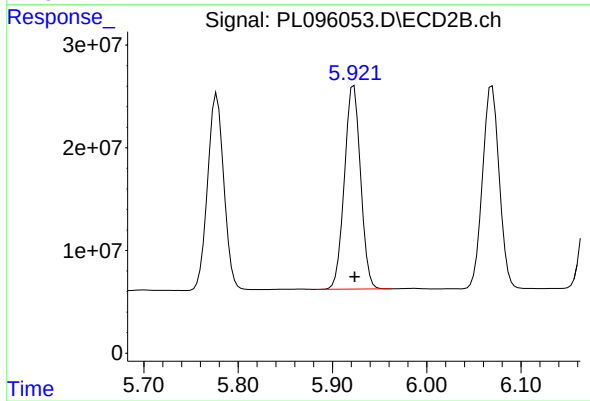
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 243594310
Conc: 49.46 ng/ml



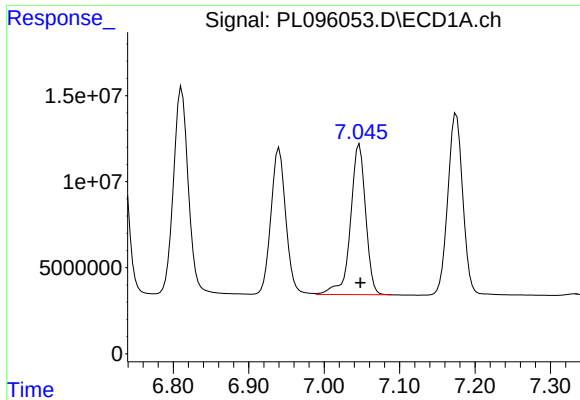
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.001 min
Response: 148238878
Conc: 49.30 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 236298945
Conc: 51.63 ng/ml



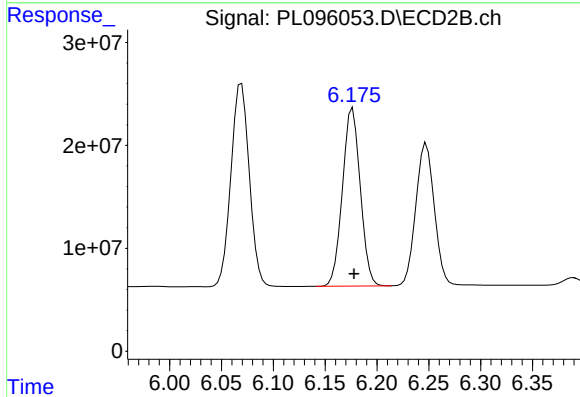
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.001 min
Response: 122261183
Conc: 42.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

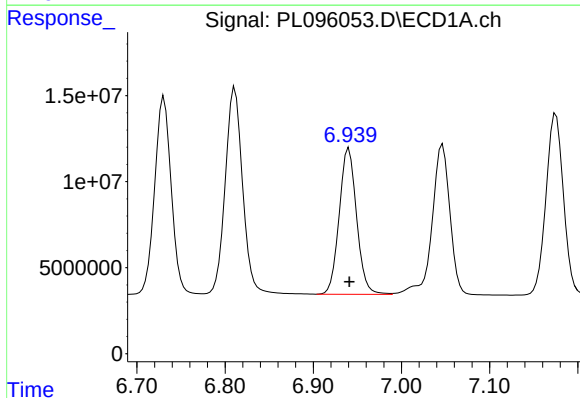
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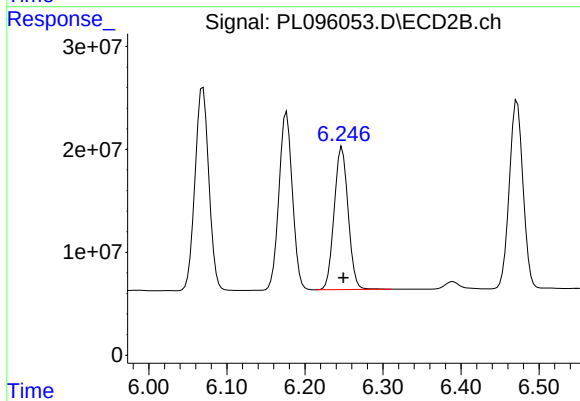
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.001 min
Response: 207347804
Conc: 43.99 ng/ml



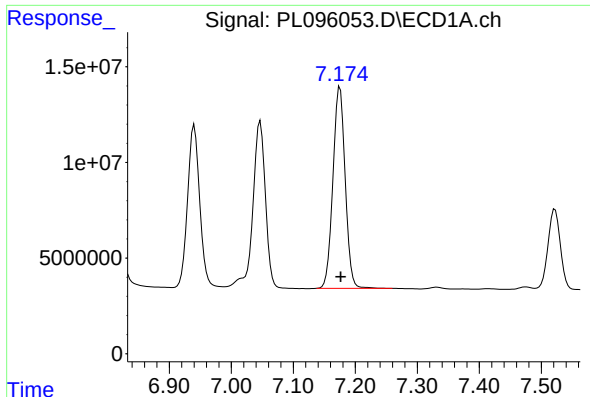
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 116522065
Conc: 47.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 172313526
Conc: 46.95 ng/ml



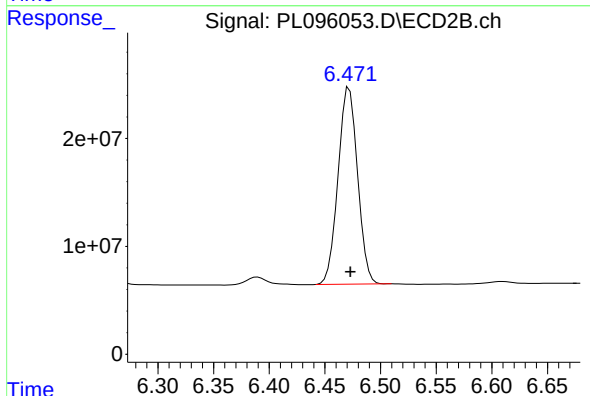
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 145527382
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

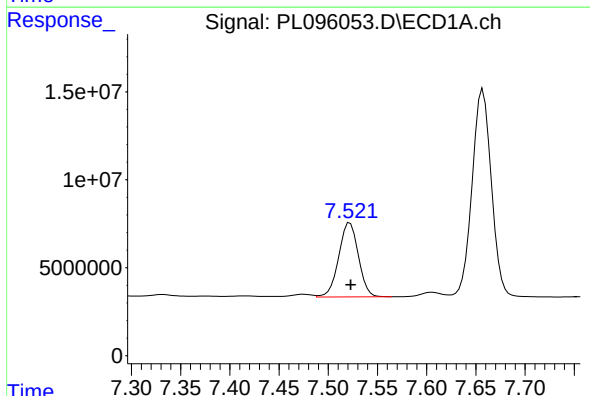
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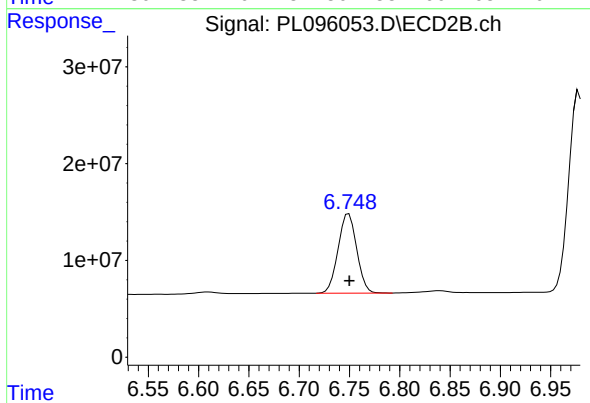
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 222779047
Conc: 47.50 ng/ml



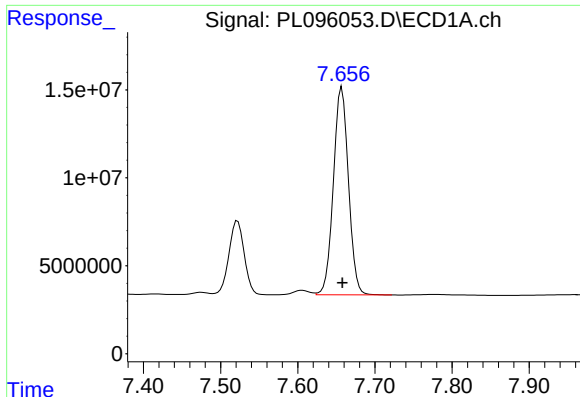
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.002 min
Response: 58809819
Conc: 41.07 ng/ml m



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 105237773
Conc: 40.89 ng/ml



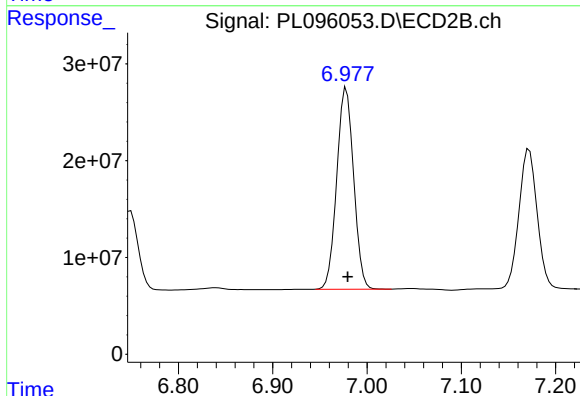
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 160671372
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

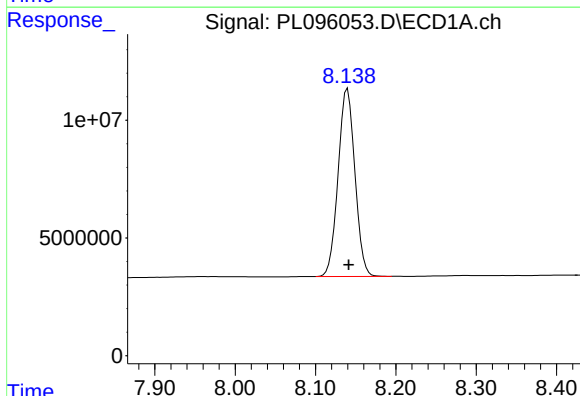
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



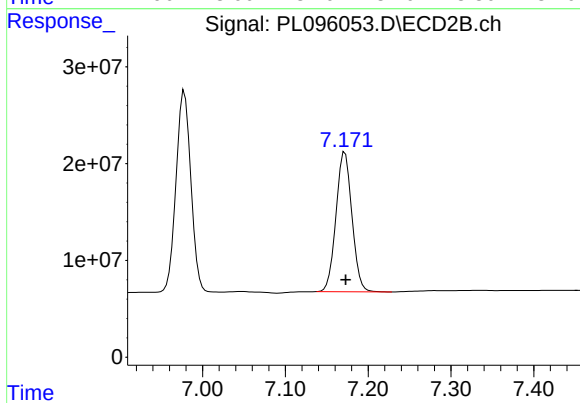
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 259136829
Conc: 46.84 ng/ml



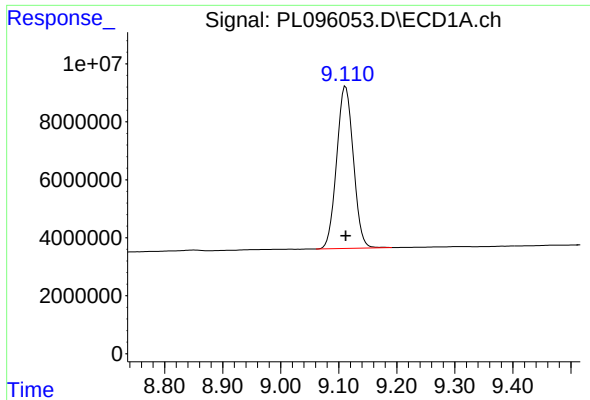
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 115905779
Conc: 45.94 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 193562511
Conc: 44.37 ng/ml



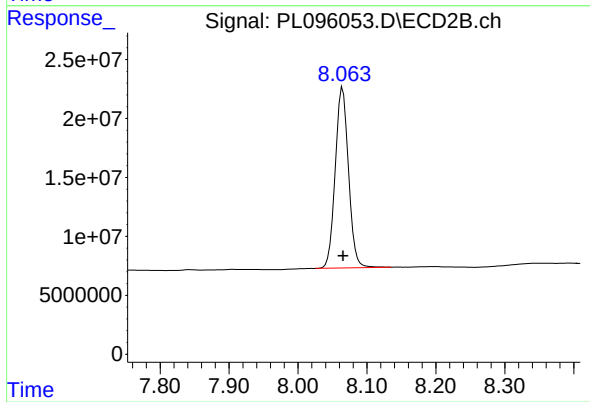
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 111740540
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 204729146
Conc: 43.06 ng/ml