

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 13:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:00:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.537	2.828	190.7E6	275.7E6	52.273	47.777
28)	SA Decachlor...	9.020	7.996	144.0E6	236.1E6	51.176	47.339
Target Compounds							
2)	A alpha-BHC	3.985	3.335	276.4E6	409.0E6	53.746	48.489
3)	MA gamma-BHC...	4.314	3.667	266.3E6	380.0E6	53.477	48.252
4)	MA Heptachlor	4.906	4.016	249.8E6	361.3E6	54.519	47.497
5)	MB Aldrin	5.246	4.300	254.3E6	351.2E6	52.614	48.144
6)	B beta-BHC	4.499	3.963	110.7E6	163.1E6	53.239	47.632
7)	B delta-BHC	4.745	4.196	241.5E6	371.1E6	53.879	48.188
8)	B Heptachlo...	5.664	4.802	230.1E6	315.1E6	55.463m	47.135
9)	A Endosulfan I	6.047	5.173	210.8E6	296.5E6	52.224	41.333
10)	B gamma-Chl...	5.919	5.054	232.9E6	333.0E6	52.642	47.443
11)	B alpha-Chl...	6.000	5.119	229.1E6	328.0E6	52.314	43.617
12)	B 4,4'-DDE	6.169	5.307	192.4E6	310.1E6	51.885	47.970
13)	MA Dieldrin	6.319	5.438	221.4E6	326.2E6	52.364	47.840
14)	MA Endrin	6.545	5.712	163.2E6	278.7E6	52.465	45.721
15)	B Endosulfa...	6.758	6.004	189.2E6	279.5E6	54.527	47.667
16)	A 4,4'-DDD	6.678	5.860	157.9E6	263.4E6	54.240	51.364
17)	MA 4,4'-DDT	6.993	6.113	160.2E6	261.2E6	52.793	45.543
18)	B Endrin al...	6.886	6.183	133.3E6	210.4E6	59.633	47.242
19)	B Endosulfa...	7.120	6.406	163.9E6	267.5E6	53.593	47.561
20)	A Methoxychlor	7.465	6.685	80606070	138.1E6	51.166	45.451
21)	B Endrin ke...	7.600	6.910	177.3E6	307.2E6	53.698	49.133
22)	Mirex	8.079	7.101	142.8E6	233.4E6	51.339	46.971

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 13:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

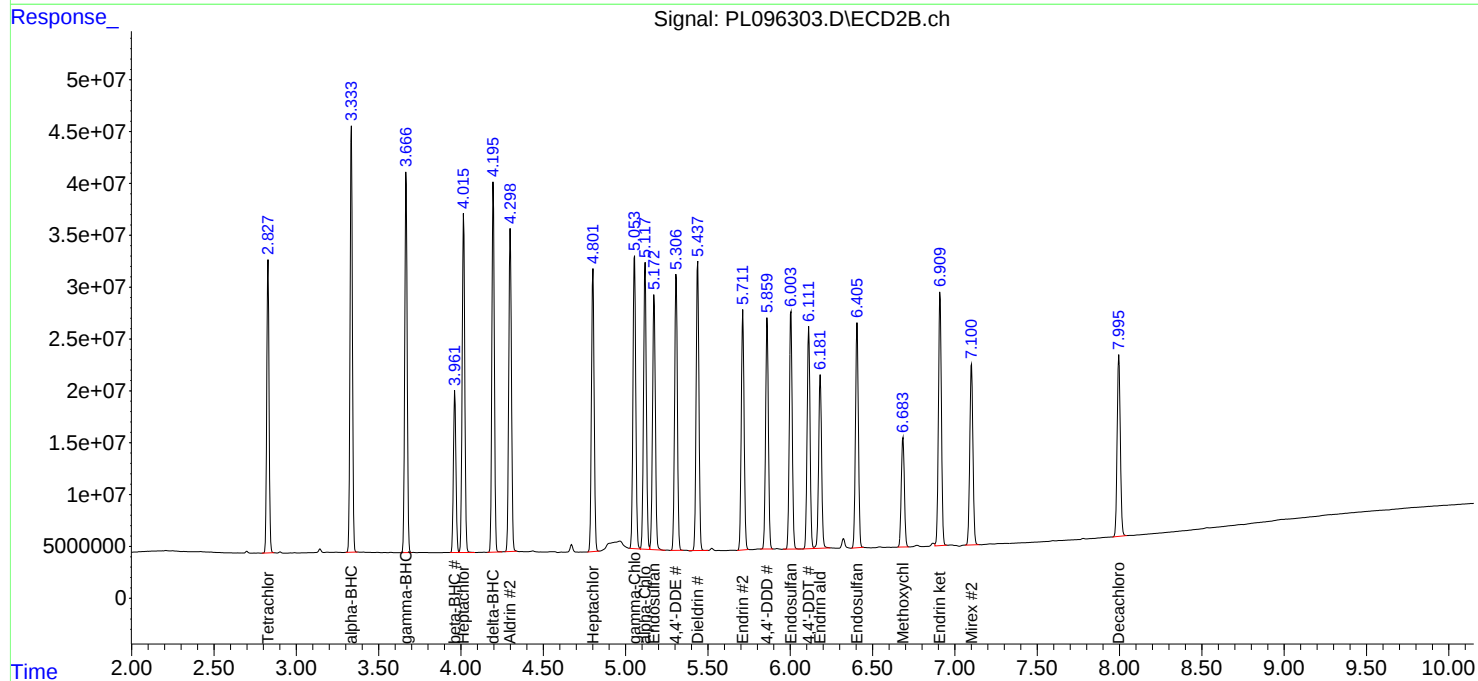
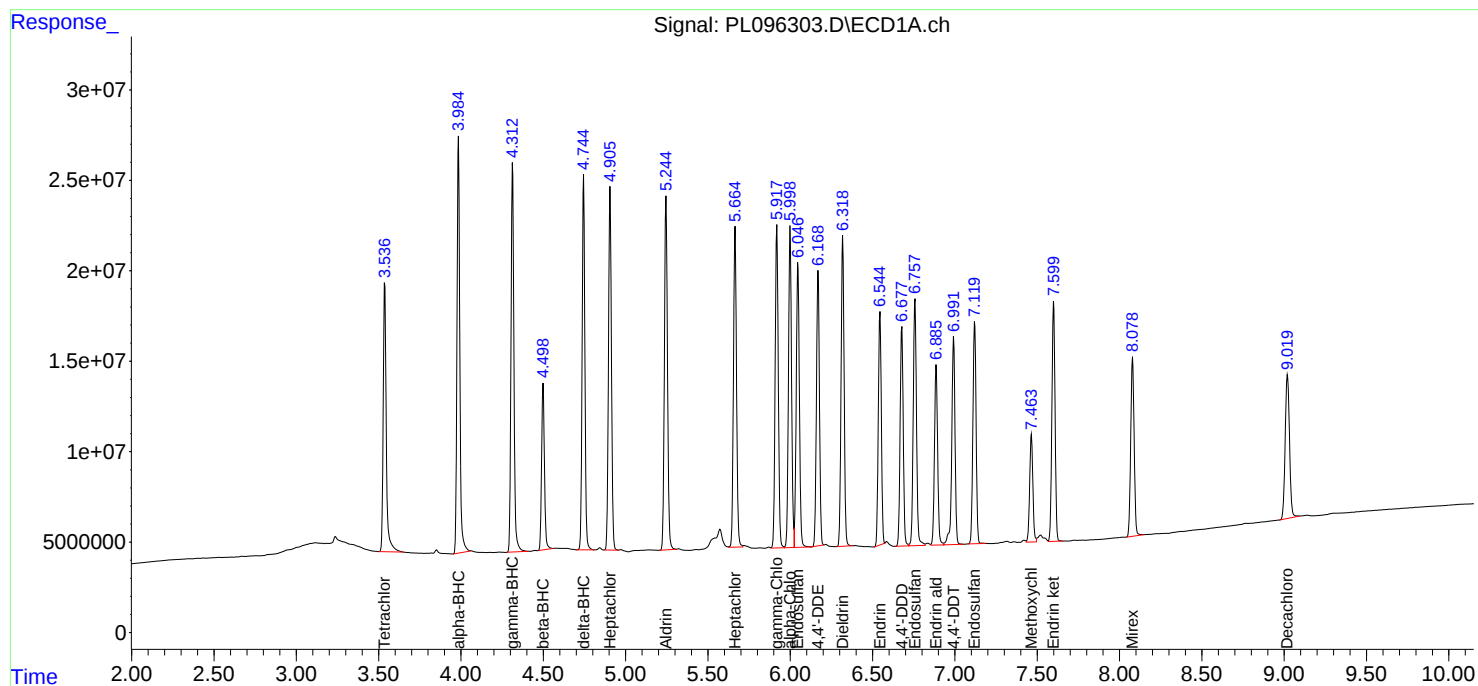
APPROVED

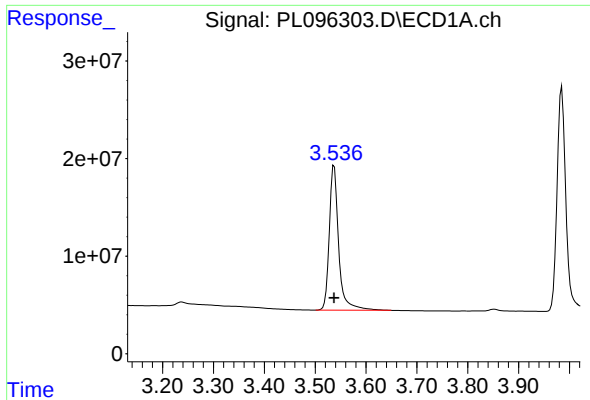
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





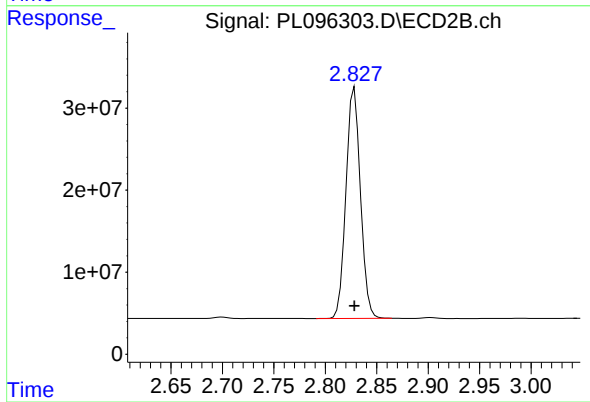
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 190741183
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

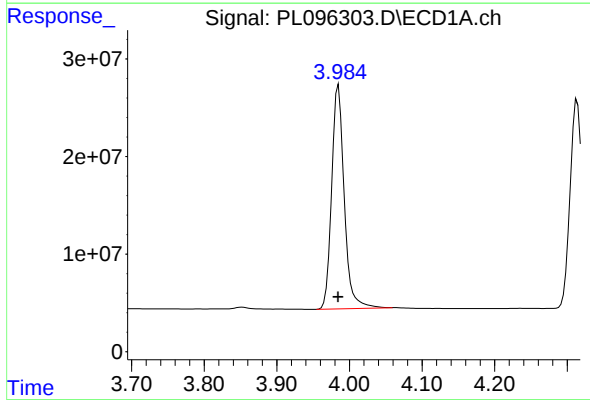
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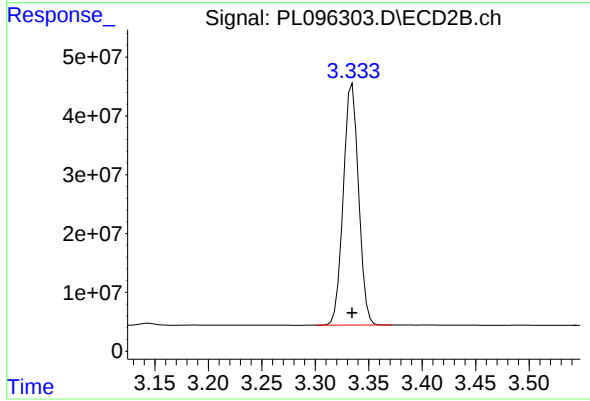
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 275732743
Conc: 47.78 ng/ml



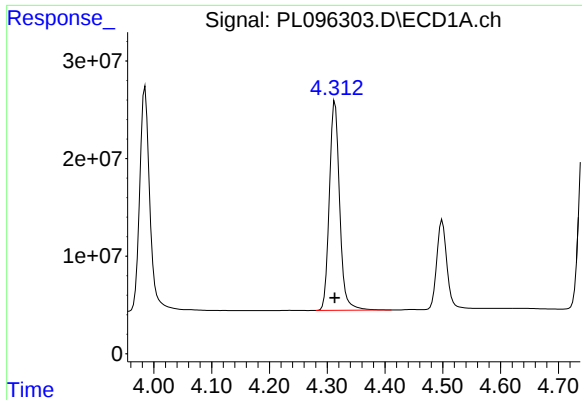
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 276424304
Conc: 53.75 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 408976555
Conc: 48.49 ng/ml



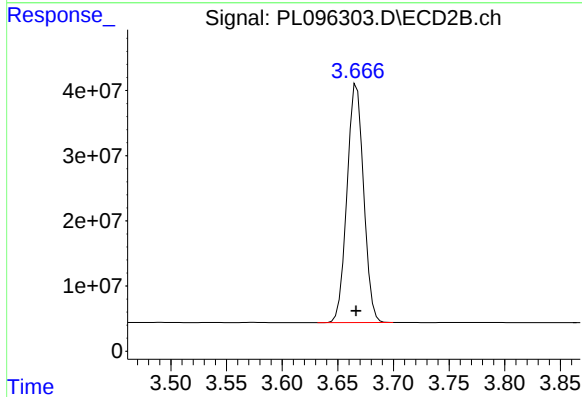
#3 gamma-BHC (Lindane)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 266298999
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

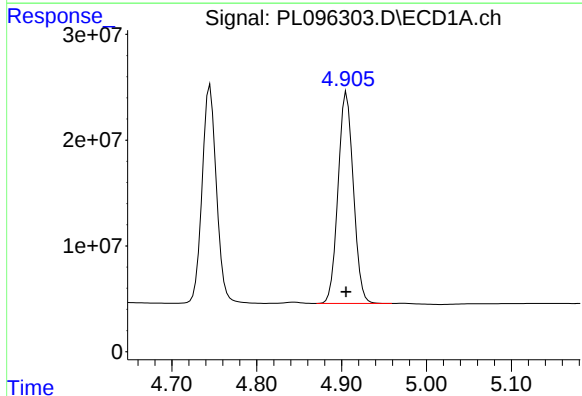
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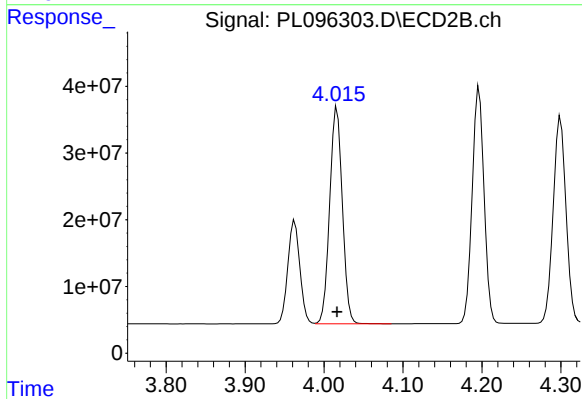
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 380026120
Conc: 48.25 ng/ml



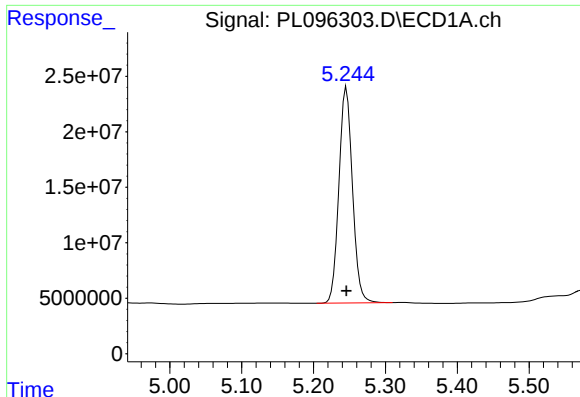
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 249763515
Conc: 54.52 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 361345031
Conc: 47.50 ng/ml



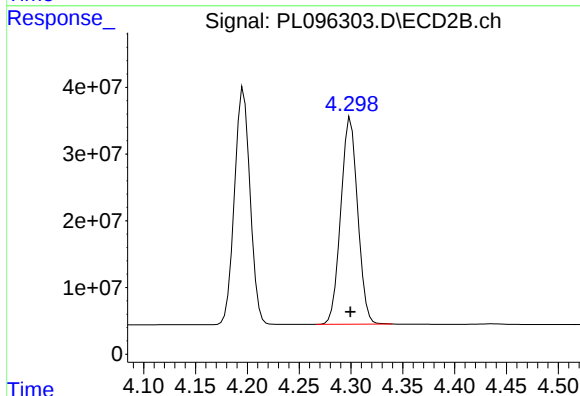
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 254319513
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

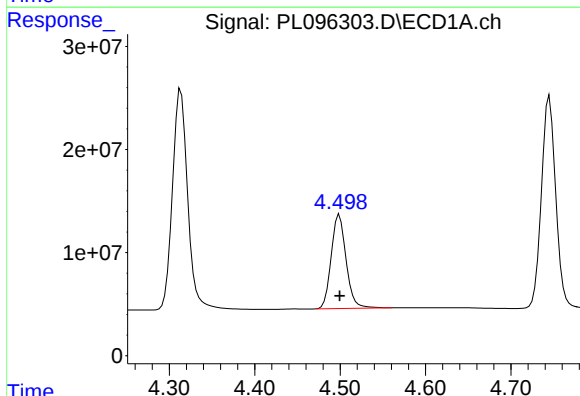
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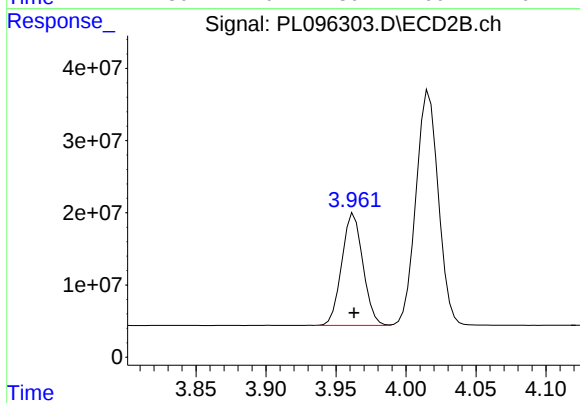
#5 Aldrin

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 351238105
Conc: 48.14 ng/ml



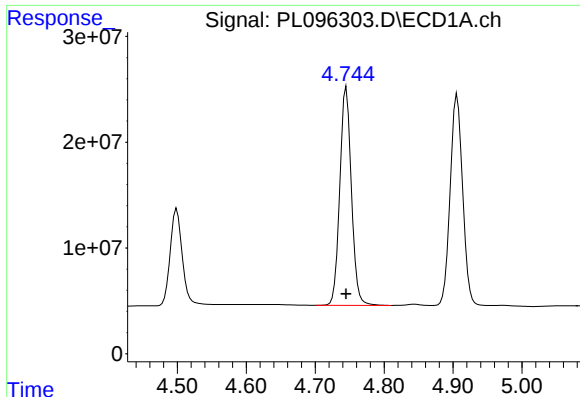
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 110672265
Conc: 53.24 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 163088976
Conc: 47.63 ng/ml



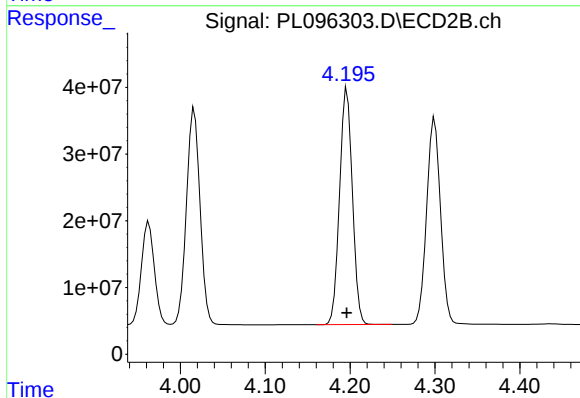
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 241451225
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

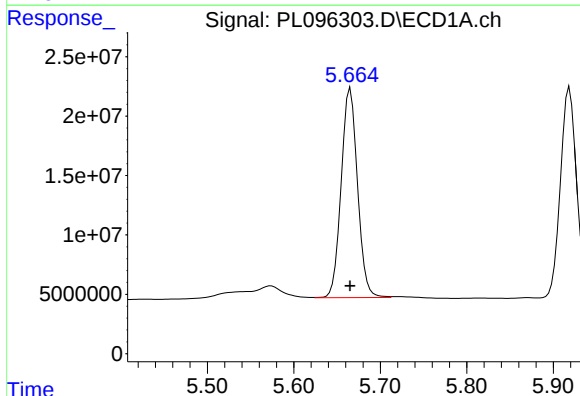
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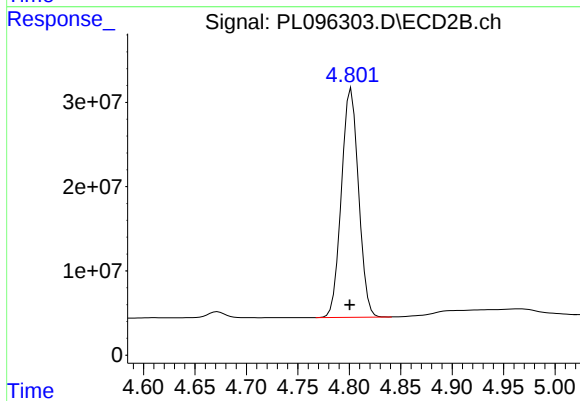
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 371135767
Conc: 48.19 ng/ml



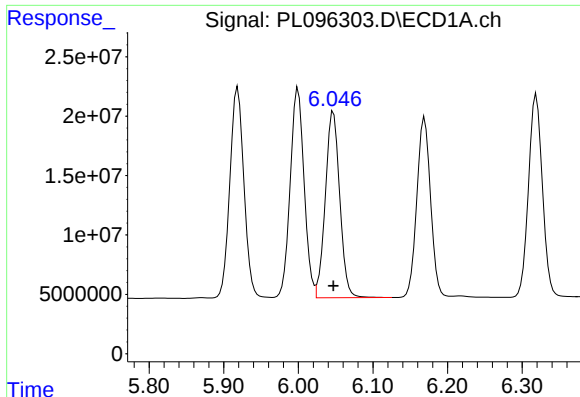
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 230125715
Conc: 55.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.002 min
Response: 315093760
Conc: 47.14 ng/ml



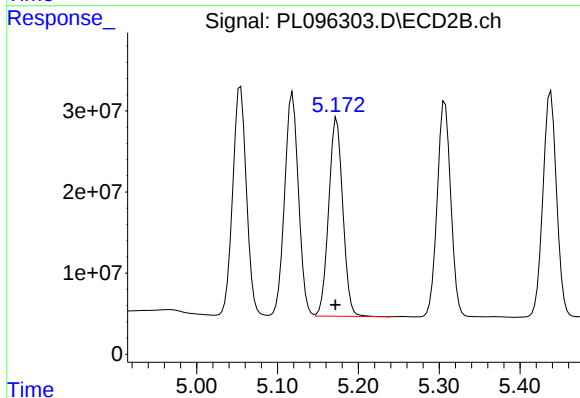
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 210842835
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

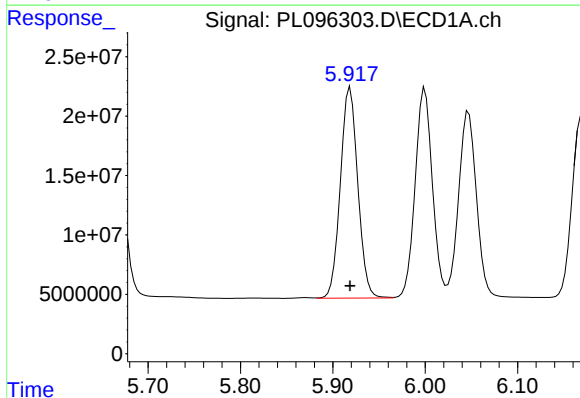
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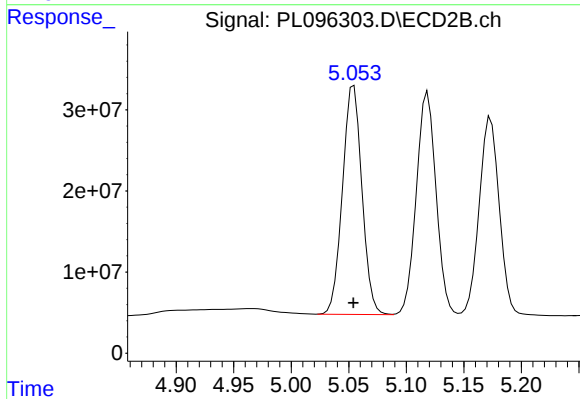
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.002 min
Response: 296527404
Conc: 41.33 ng/ml



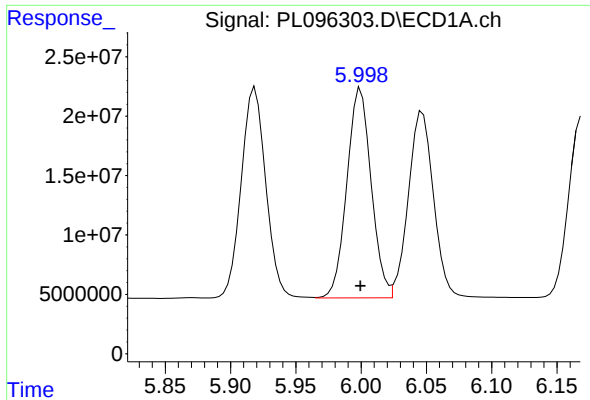
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 232929526
Conc: 52.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 333035910
Conc: 47.44 ng/ml



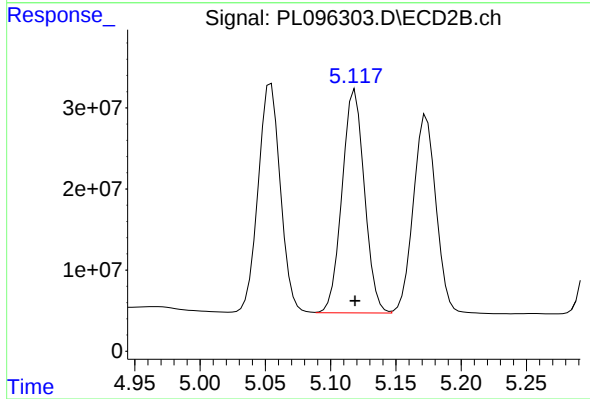
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 229074715
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

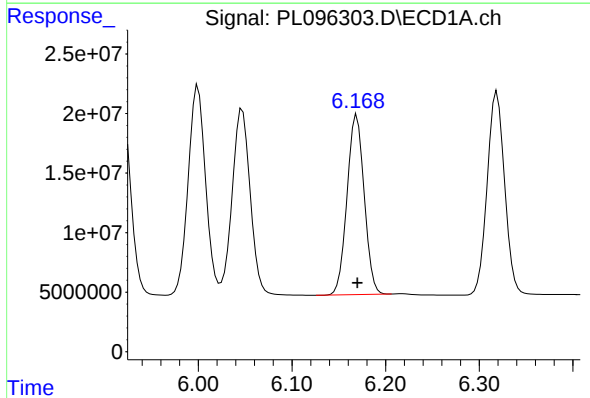
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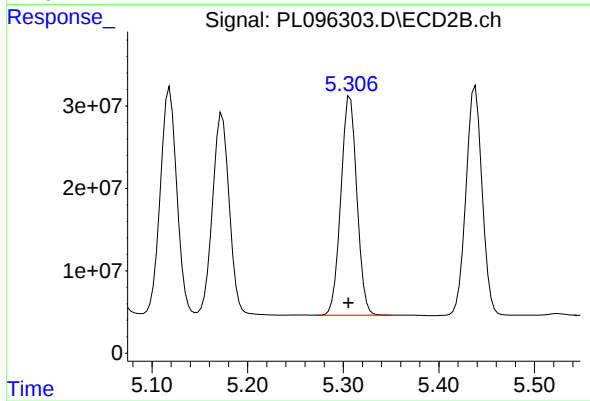
#11 alpha-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 328011400
Conc: 43.62 ng/ml



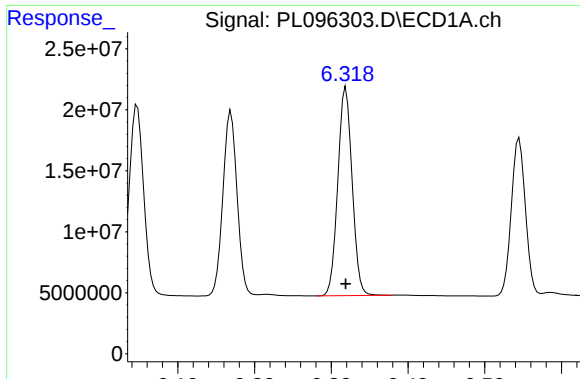
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 192362012
Conc: 51.88 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.002 min
Response: 310062294
Conc: 47.97 ng/ml



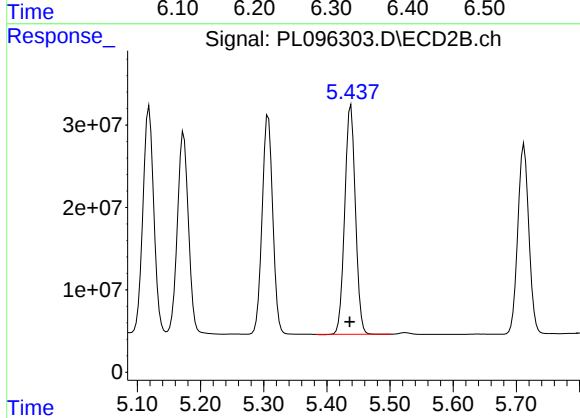
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 221418082
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

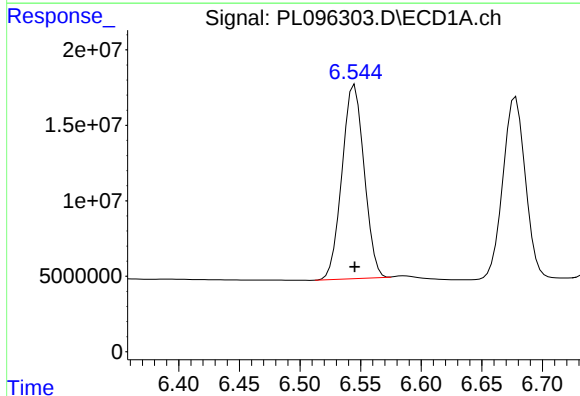
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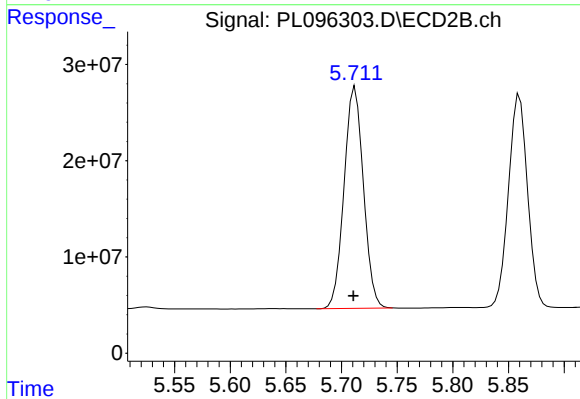
#13 Dieldrin

R.T.: 5.438 min
Delta R.T.: 0.002 min
Response: 326235521
Conc: 47.84 ng/ml



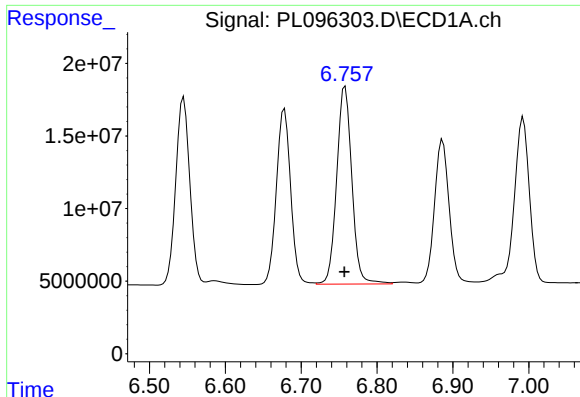
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 163177423
Conc: 52.47 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 278735794
Conc: 45.72 ng/ml



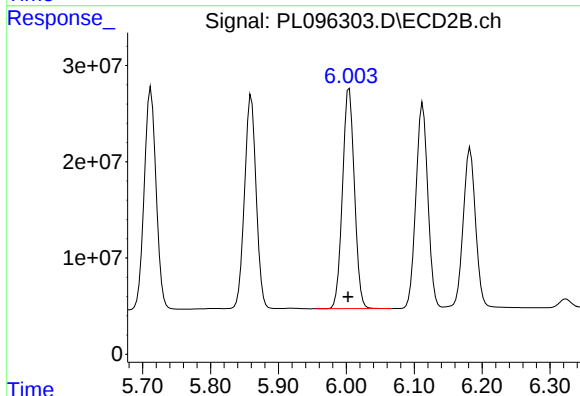
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.001 min
Response: 189211278
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

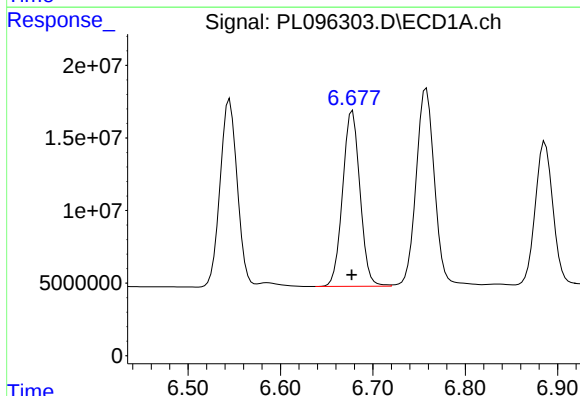
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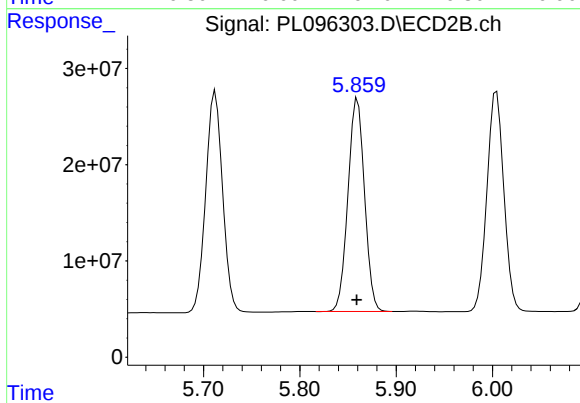
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.002 min
Response: 279513956
Conc: 47.67 ng/ml



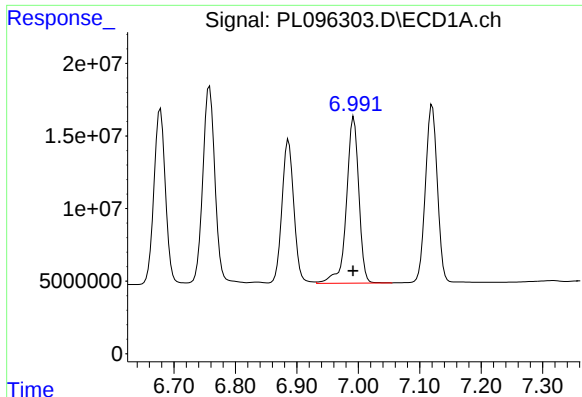
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 157930924
Conc: 54.24 ng/ml



#16 4,4'-DDD

R.T.: 5.860 min
Delta R.T.: 0.001 min
Response: 263430974
Conc: 51.36 ng/ml



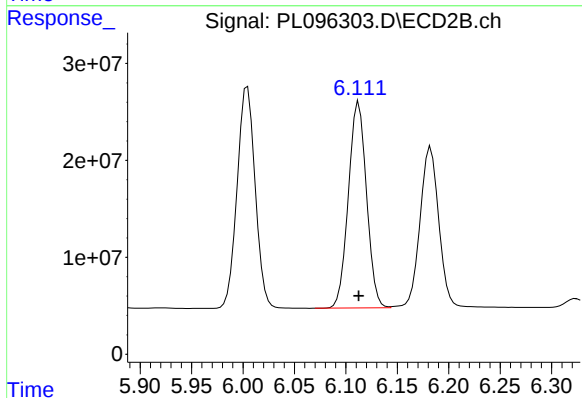
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 160238348
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

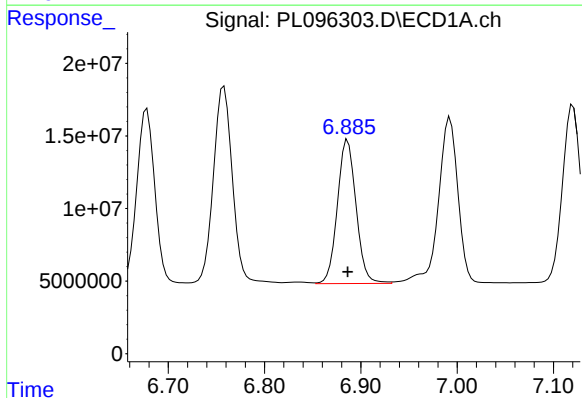
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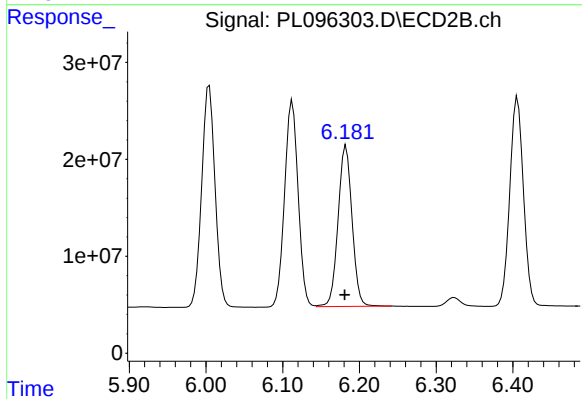
#17 4,4'-DDT

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 261196678
Conc: 45.54 ng/ml



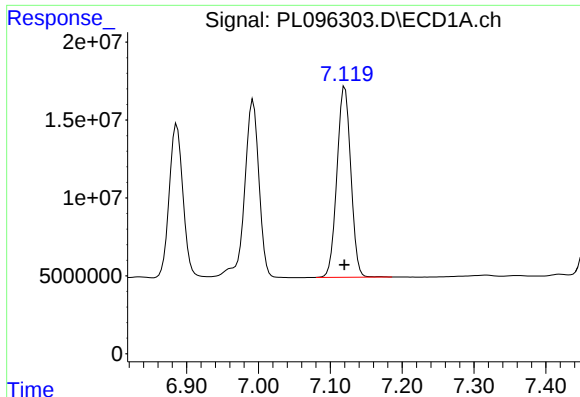
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 133312652
Conc: 59.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.183 min
Delta R.T.: 0.002 min
Response: 210443641
Conc: 47.24 ng/ml



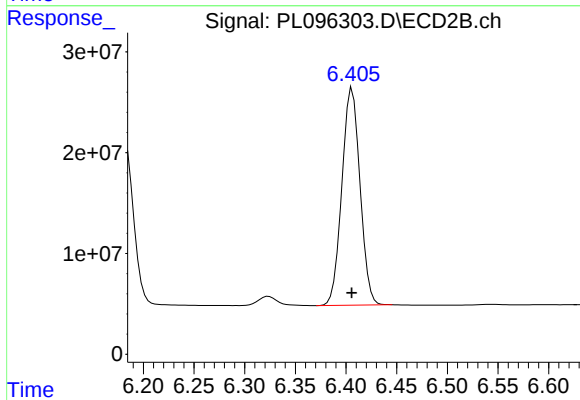
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 163932348
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

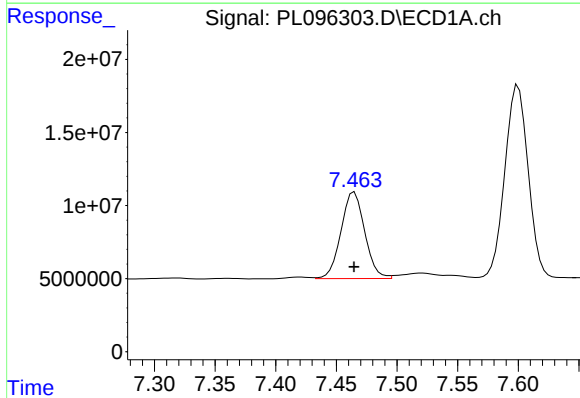
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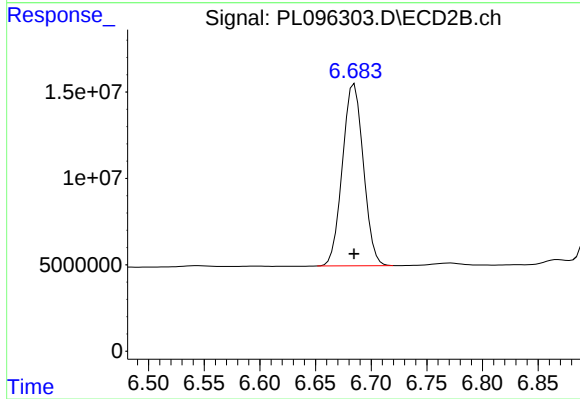
#19 Endosulfan Sulfate

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 267504287
Conc: 47.56 ng/ml



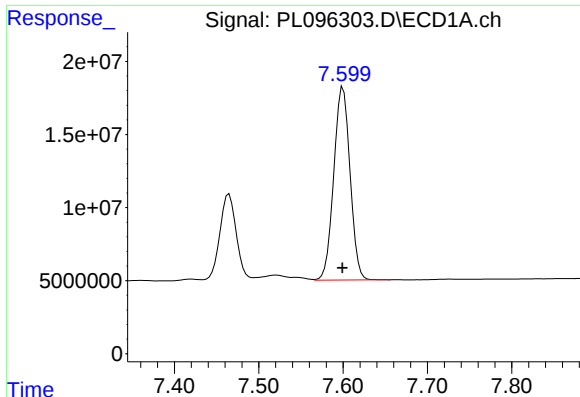
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 80606070
Conc: 51.17 ng/ml



#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 138069085
Conc: 45.45 ng/ml



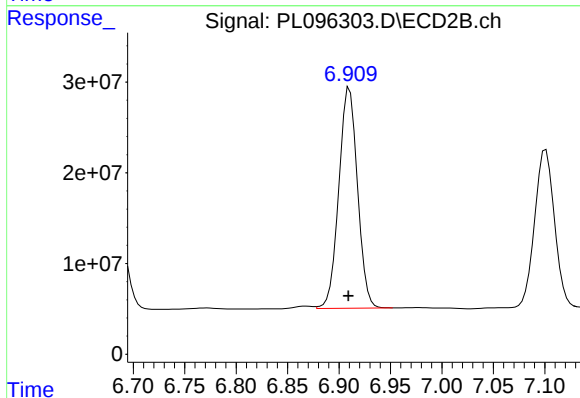
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 177289954
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

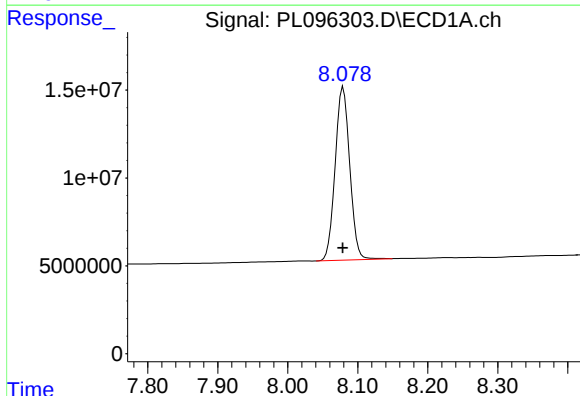
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



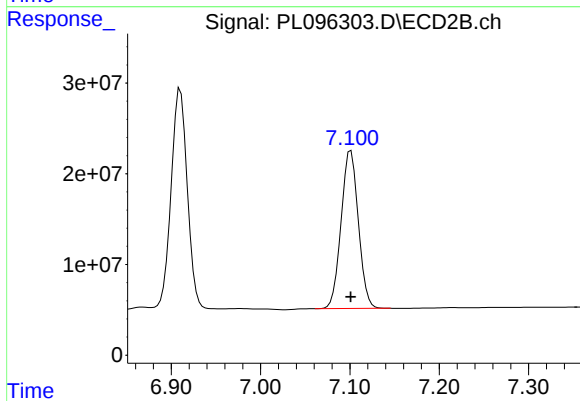
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.001 min
Response: 307193513
Conc: 49.13 ng/ml



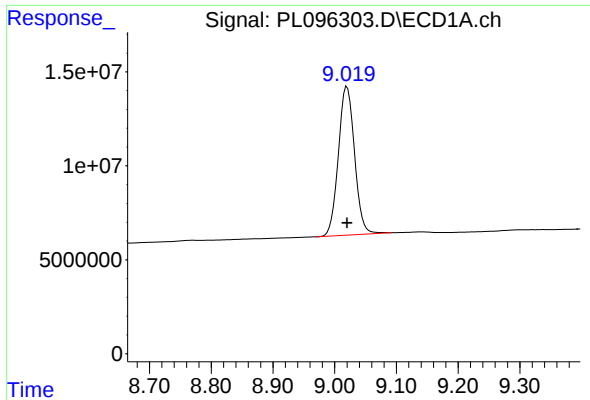
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 142836861
Conc: 51.34 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 233360443
Conc: 46.97 ng/ml



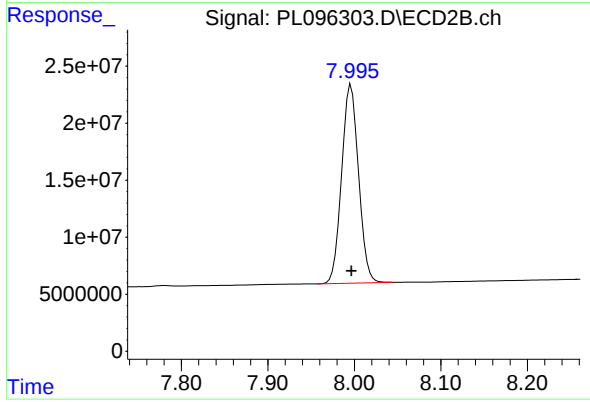
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 143960745
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 236054409
Conc: 47.34 ng/ml