

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
 Data File : PL095930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 18:14
 Operator : AR\AJ
 Sample : Q2194-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-12MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:44:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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	2.885	44096225	50107651	13.975m	12.802
28) SA Decachlor...	9.097	8.059	32524679	60815301	13.803	13.902
Target Compounds						
2) A alpha-BHC	4.023	3.395	167.6E6	189.1E6	34.568	32.288
3) MA gamma-BHC...	4.355	3.728	148.9E6	174.7E6	33.287	31.191
4) MA Heptachlor	4.953	4.081	127.4E6	174.1E6	33.659	31.044
5) MB Aldrin	5.295	4.365	145.9E6	170.7E6	34.104	32.160
6) B beta-BHC	4.543	4.024	66257341	78845436	33.610	31.824
7) B delta-BHC	4.790	4.259	144.4E6	174.2E6	32.564	30.844
8) B Heptachlo...	5.716	4.868	135.7E6	163.8E6	35.562	33.173
9) A Endosulfan I	6.100	5.240	132.4E6	164.7E6	36.126	34.558
10) B gamma-Chl...	5.971	5.120	141.2E6	176.7E6	36.269	33.643
11) B alpha-Chl...	6.052	5.184	139.8E6	170.8E6	35.418	32.819
12) B 4,4'-DDE	6.222	5.371	132.0E6	178.0E6	35.996	33.202
13) MA Dieldrin	6.373	5.505	143.8E6	179.3E6	37.259	33.822
14) MA Endrin	6.600	5.779	116.6E6	168.3E6	36.123	34.523
15) B Endosulfa...	6.813	6.070	126.9E6	174.2E6	36.819	36.651
16) A 4,4'-DDD	6.732	5.923	115.1E6	159.1E6	39.278	36.294
17) MA 4,4'-DDT	7.047	6.176	98633095	155.6E6	36.461	32.526
18) B Endrin al...	6.941	6.247	96468301	134.2E6	39.902	38.864
19) B Endosulfa...	7.175	6.471	116.2E6	177.8E6	38.906	39.554
20) A Methoxychlor	7.520	6.746	48502718	90707343	38.032	34.673
21) B Endrin ke...	7.656	6.976	132.4E6	210.4E6	41.798	40.663
22) Mirex	8.137	7.170	98334125	163.6E6	42.499	40.294

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
Data File : PL095930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 18:14
Operator : AR\AJ
Sample : Q2194-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

COMP-12MS

Manual Integrations

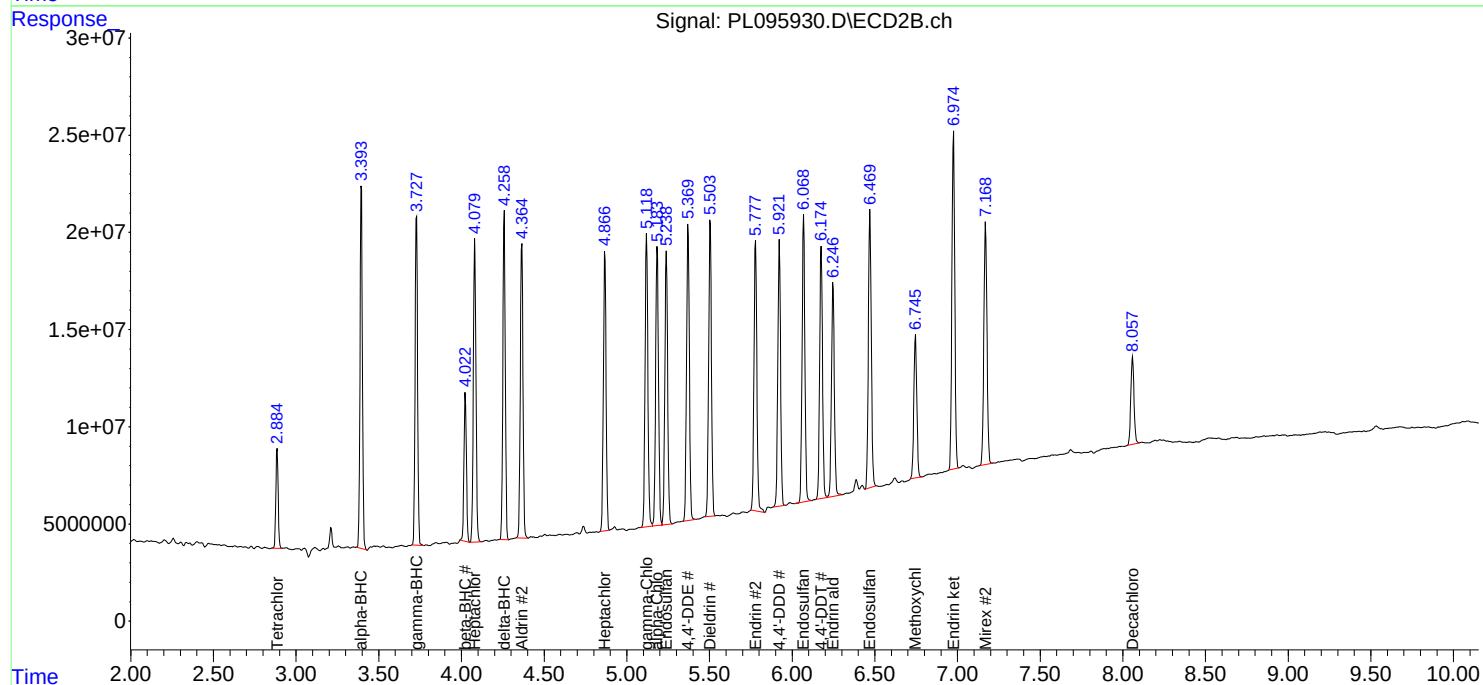
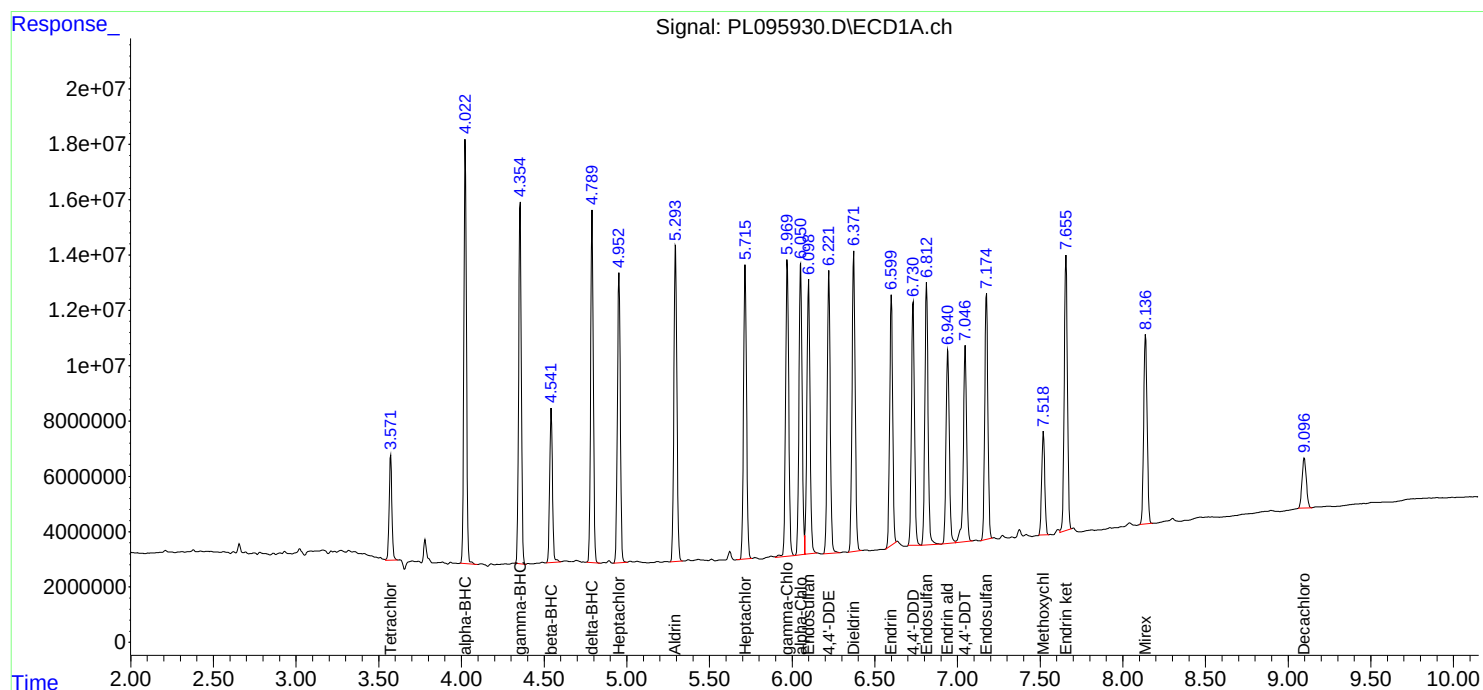
APPROVED

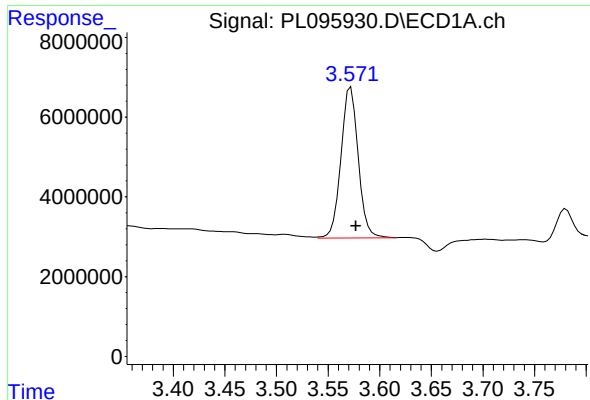
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 01:44:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





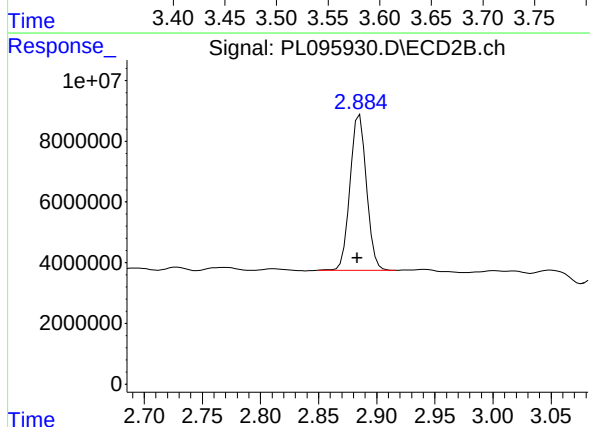
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 44096225
Conc: 13.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

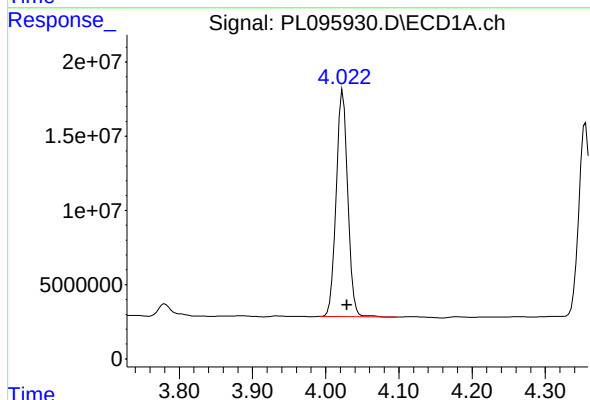
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Supervised By :mohammad ahmed 06/06/2025



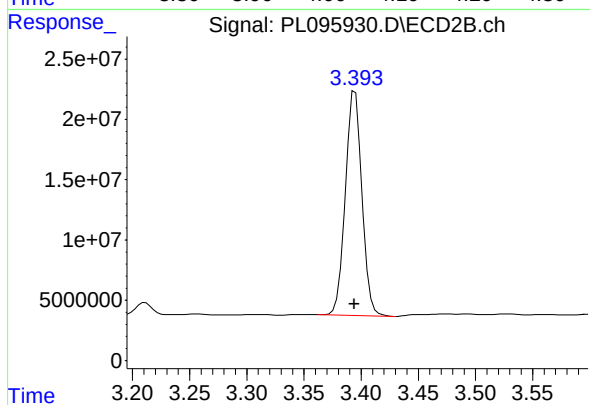
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 50107651
Conc: 12.80 ng/ml



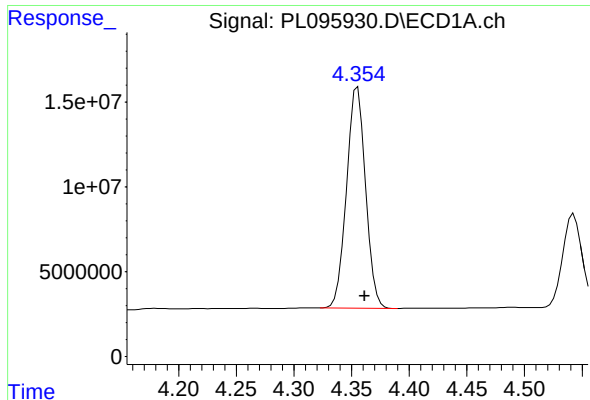
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 167584541
Conc: 34.57 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 189123495
Conc: 32.29 ng/ml



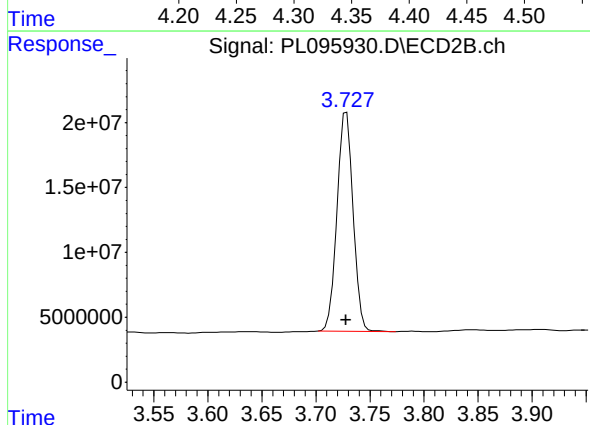
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 148852912
Conc: 33.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

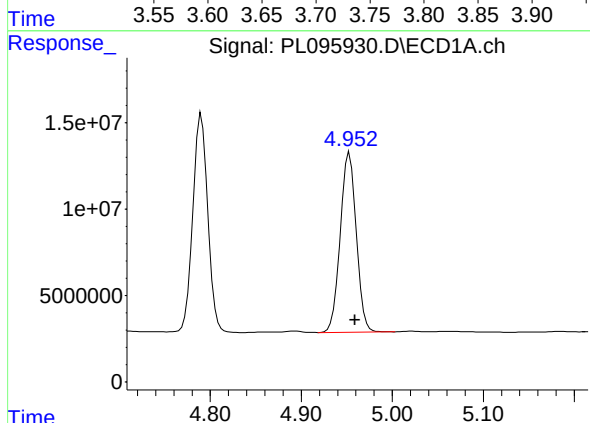
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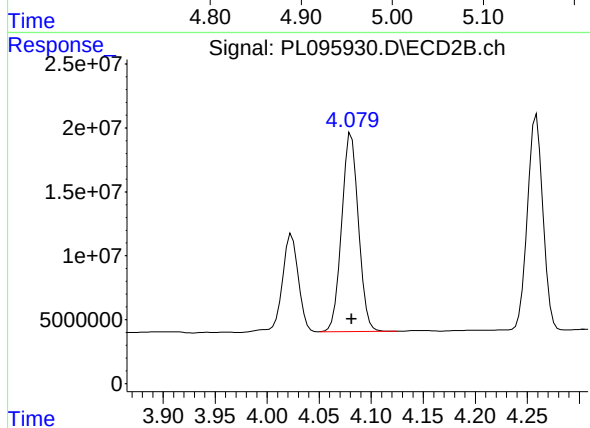
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 174708965
Conc: 31.19 ng/ml



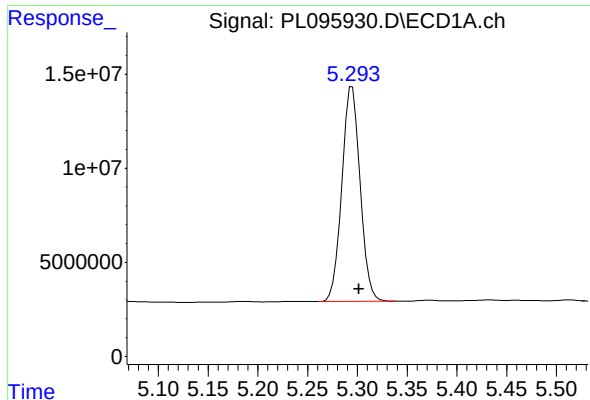
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 127398912
Conc: 33.66 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 174125287
Conc: 31.04 ng/ml



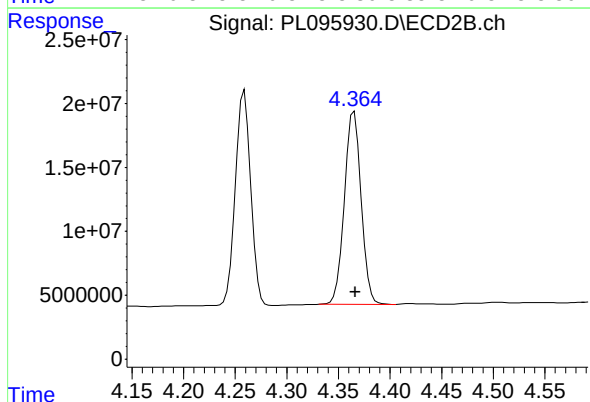
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 145888988
Conc: 34.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

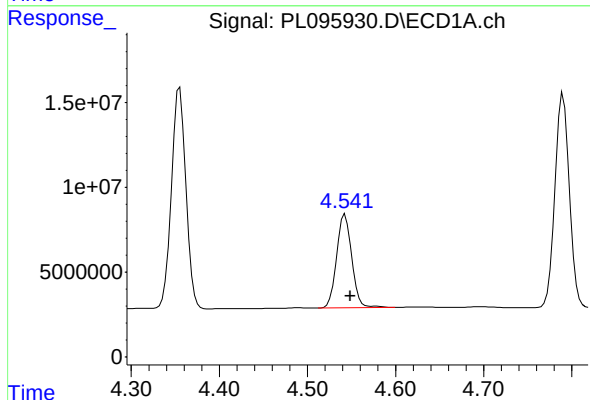
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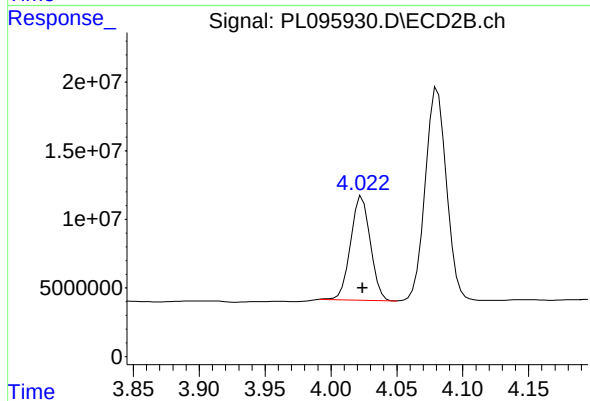
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 170674258
Conc: 32.16 ng/ml



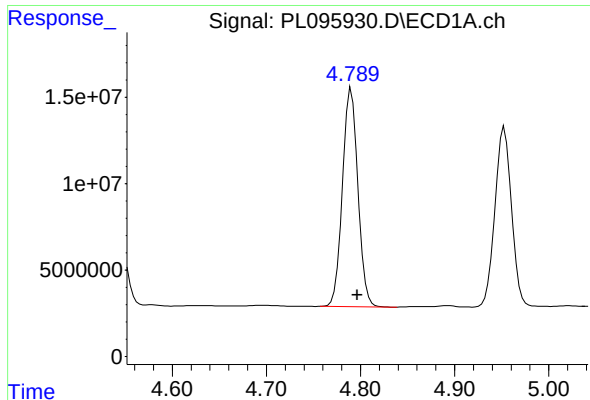
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 66257341
Conc: 33.61 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 78845436
Conc: 31.82 ng/ml



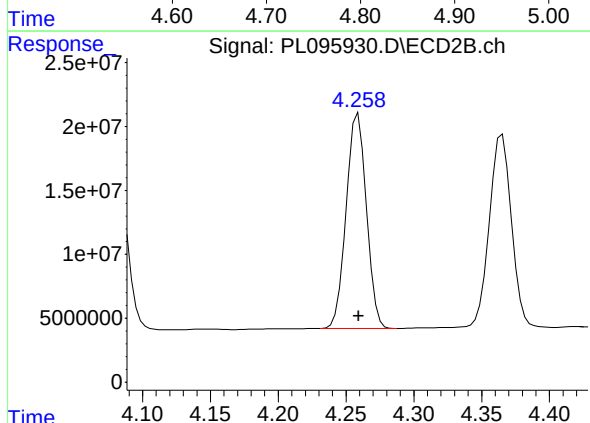
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 144375960
Conc: 32.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

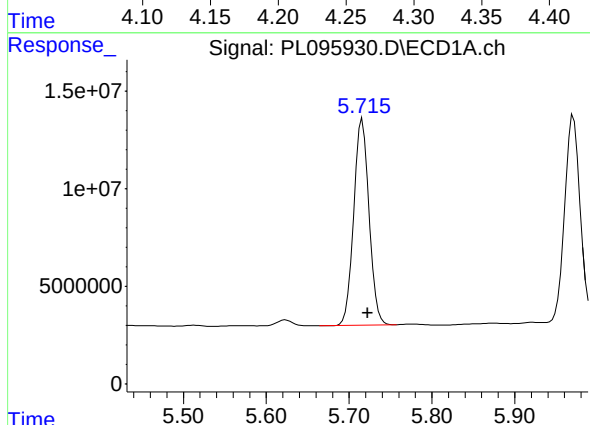
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Supervised By :mohammad ahmed 06/06/2025



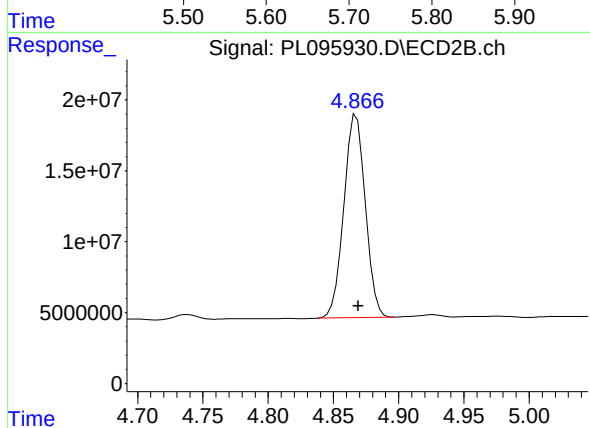
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 174185469
Conc: 30.84 ng/ml



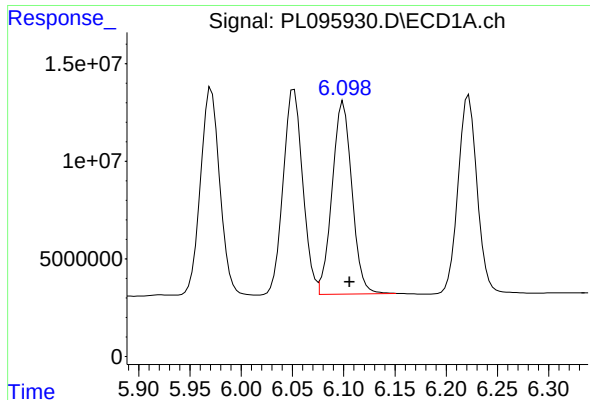
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 135734924
Conc: 35.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 163791653
Conc: 33.17 ng/ml



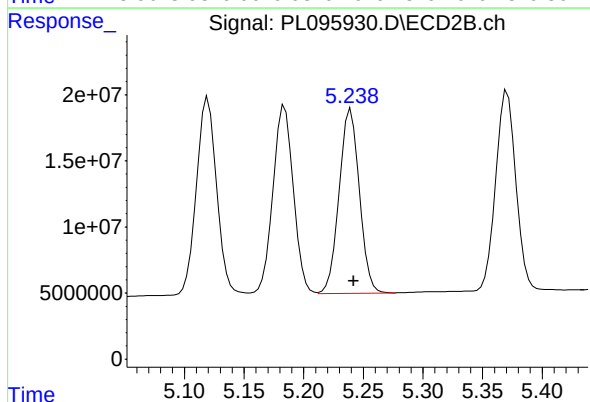
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 132394714
Conc: 36.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

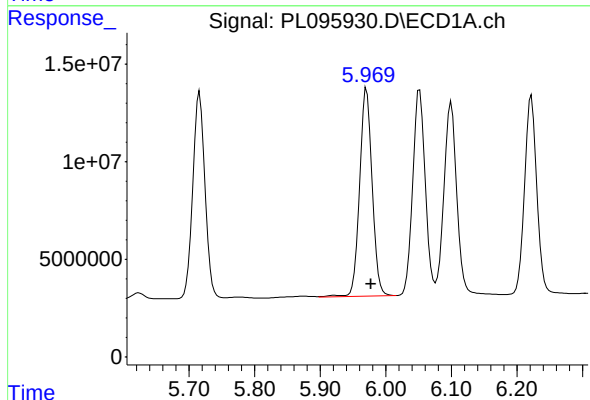
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Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



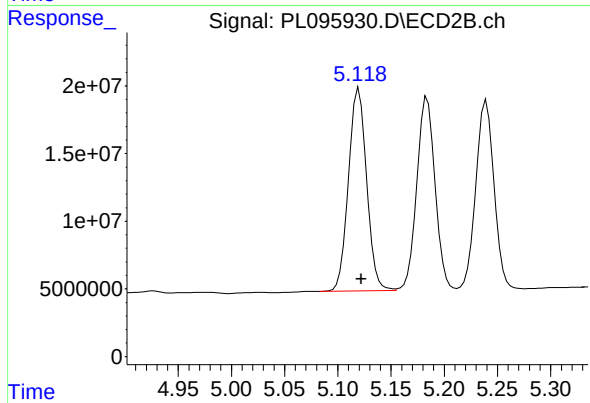
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 164667400
Conc: 34.56 ng/ml



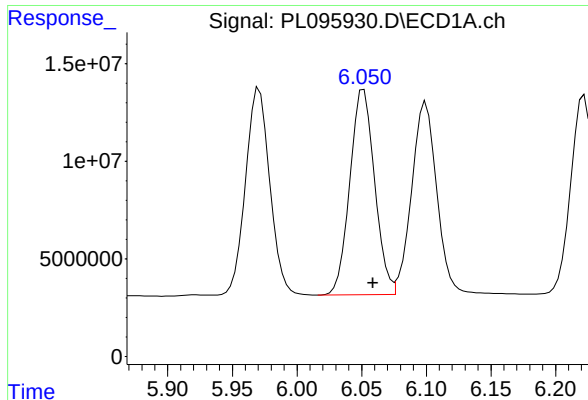
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 141160521
Conc: 36.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 176717783
Conc: 33.64 ng/ml



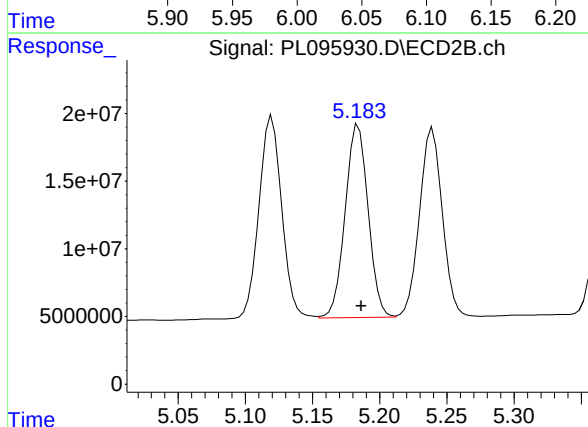
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 139834706
Conc: 35.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

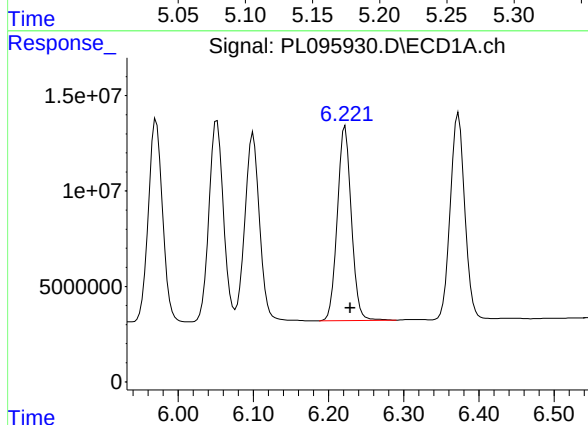
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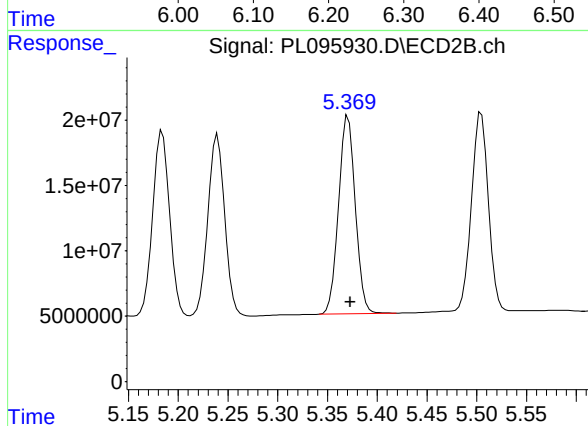
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 170750137
Conc: 32.82 ng/ml



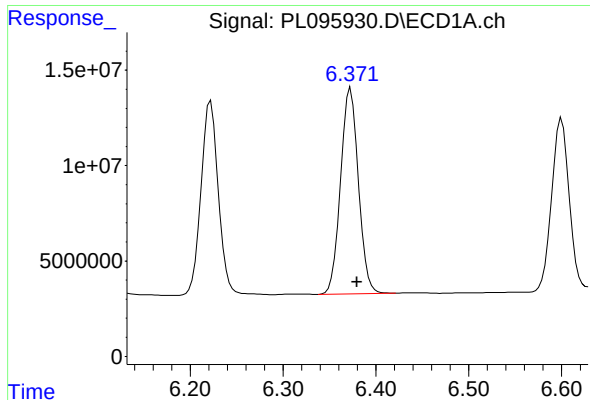
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 132029833
Conc: 36.00 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 178034293
Conc: 33.20 ng/ml



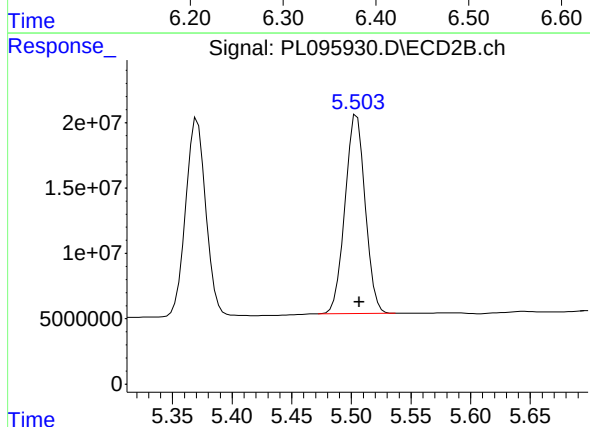
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 143790227
Conc: 37.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

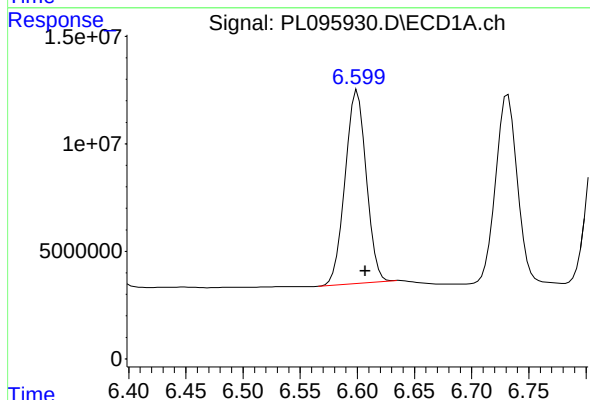
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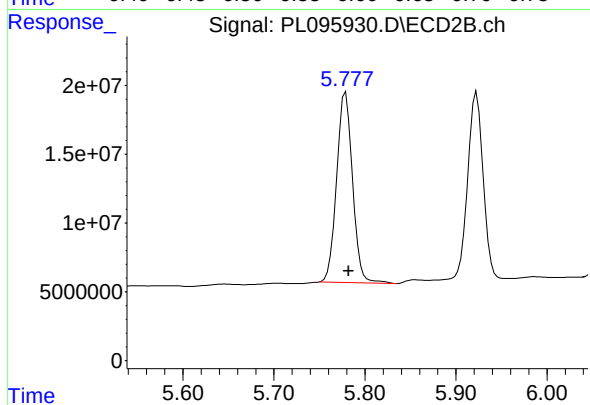
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 179260146
Conc: 33.82 ng/ml



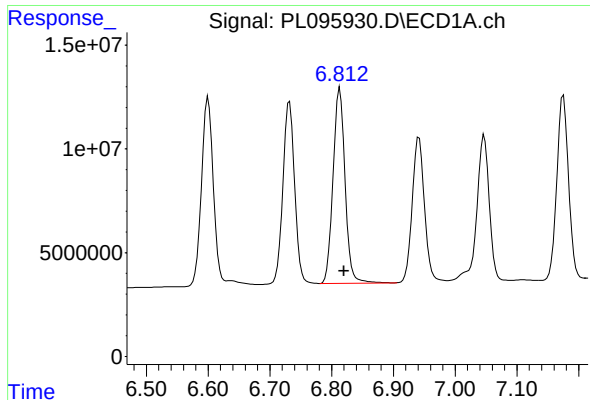
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 116559152
Conc: 36.12 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 168338701
Conc: 34.52 ng/ml



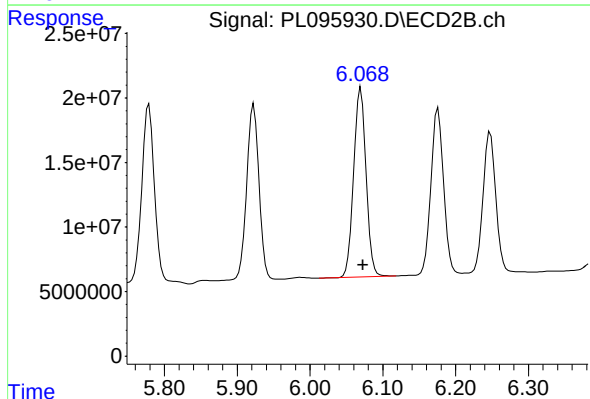
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 126879949
Conc: 36.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

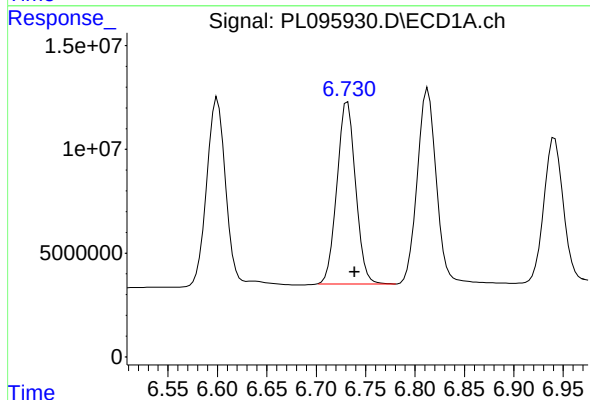
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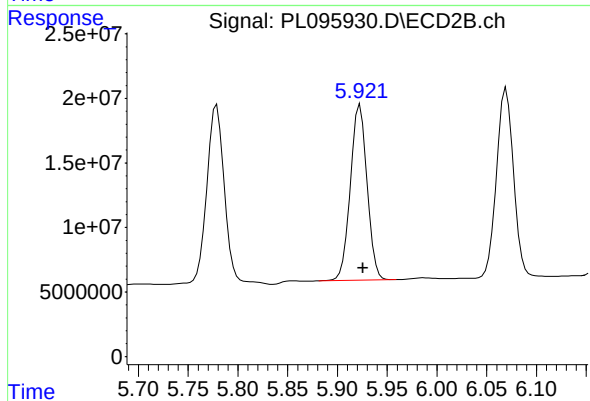
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 174158730
Conc: 36.65 ng/ml



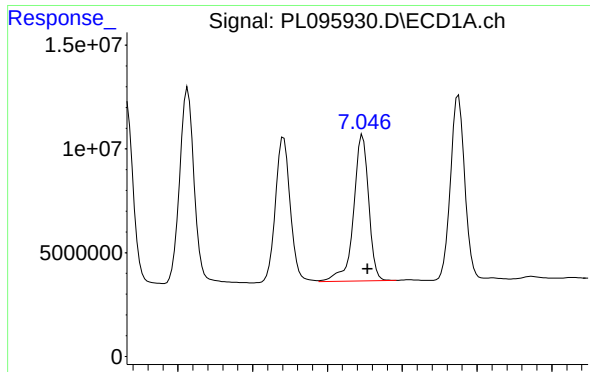
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 115107791
Conc: 39.28 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 159145012
Conc: 36.29 ng/ml



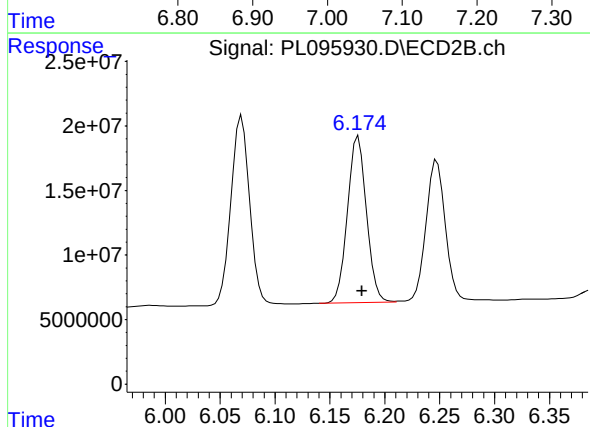
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 98633095
Conc: 36.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

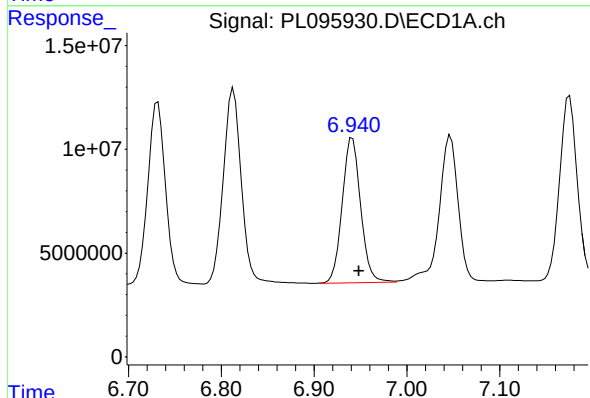
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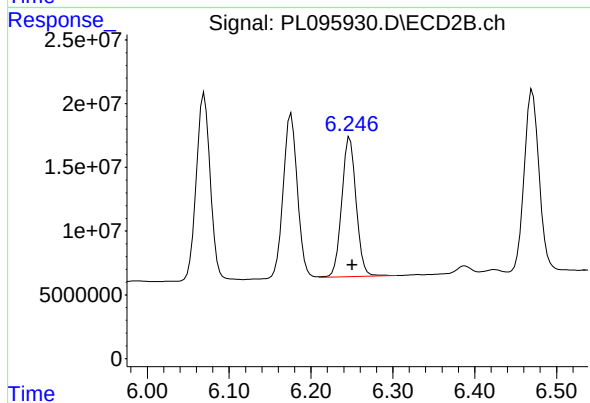
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 155558501
Conc: 32.53 ng/ml



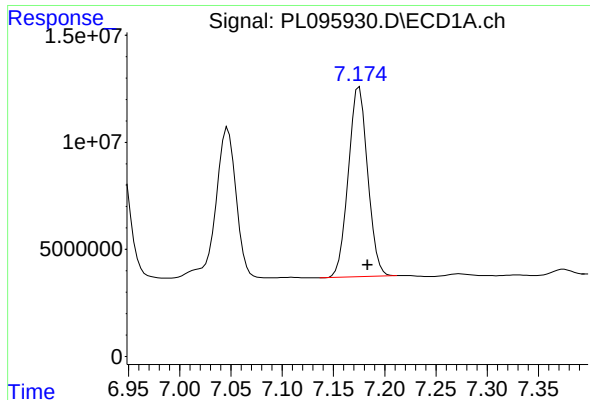
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: -0.007 min
Response: 96468301
Conc: 39.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 134248778
Conc: 38.86 ng/ml



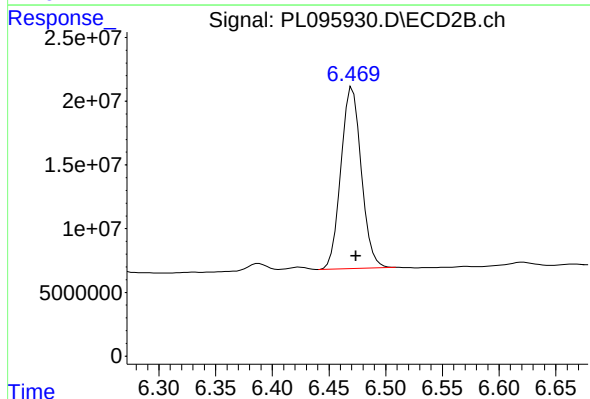
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 116210239
Conc: 38.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

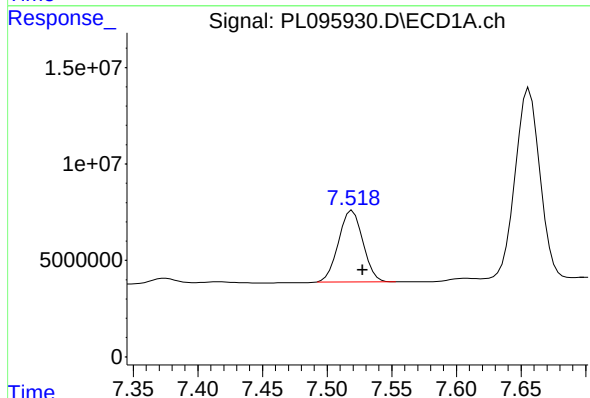
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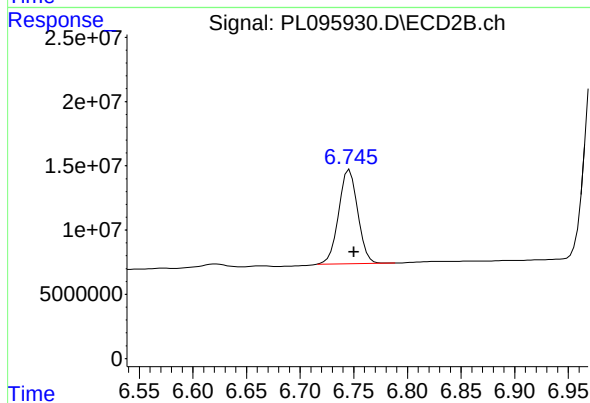
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 177785730
Conc: 39.55 ng/ml



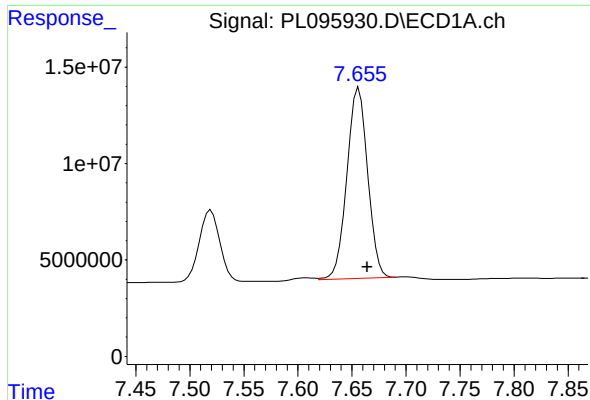
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 48502718
Conc: 38.03 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 90707343
Conc: 34.67 ng/ml



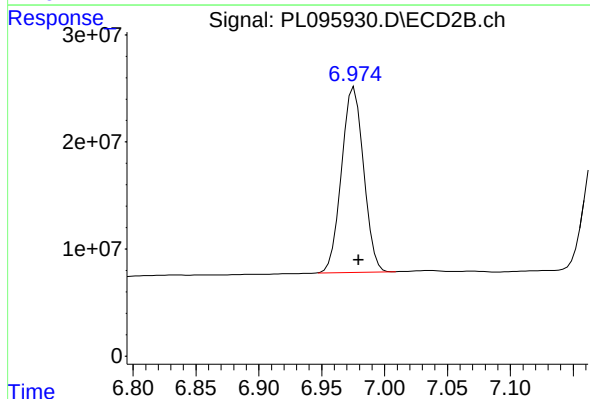
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 132372172
Conc: 41.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

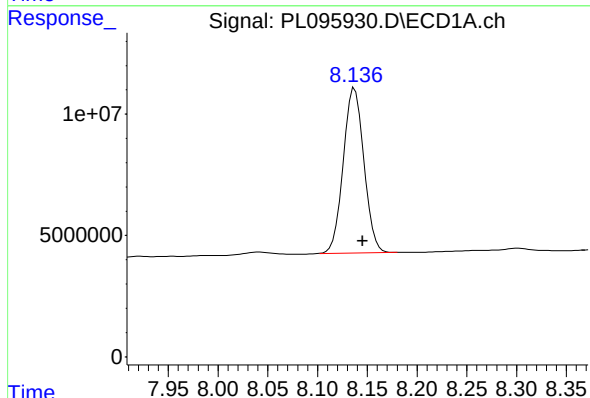
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Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



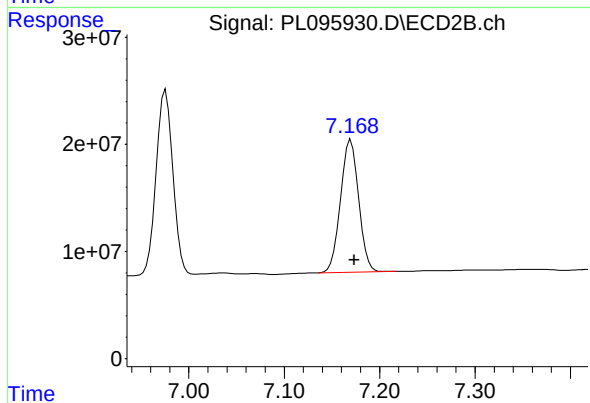
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 210384112
Conc: 40.66 ng/ml



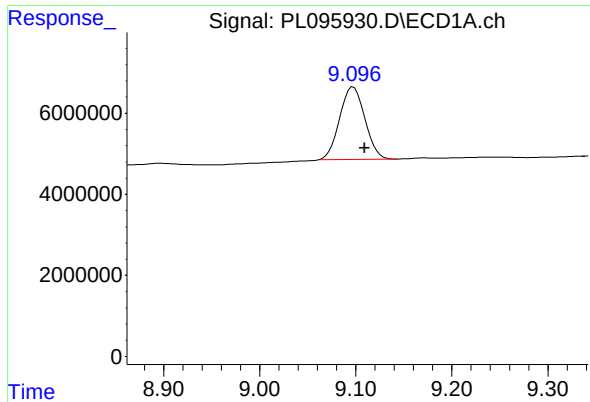
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 98334125
Conc: 42.50 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 163614937
Conc: 40.29 ng/ml



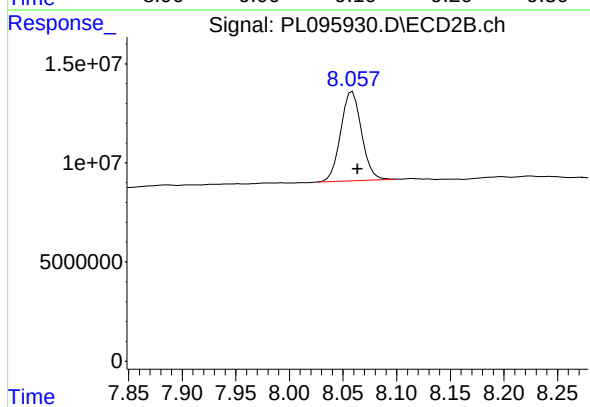
#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.012 min
Response: 32524679
Conc: 13.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/06/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 60815301
Conc: 13.90 ng/ml