

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 09:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 13:25:01 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...	3.539	2.772	138.2E6	181.2E6	48.825	50.773
28)	SA Decachlor...	9.053	7.905	107.1E6	202.5E6	50.834	50.144
Target Compounds							
2)	A alpha-BHC	3.995	3.274	202.6E6	279.6E6	48.783	51.869
3)	MA gamma-BHC...	4.327	3.604	193.8E6	266.7E6	48.566	51.899
4)	MA Heptachlor	4.914	3.942	184.8E6	265.6E6	47.611	50.406
5)	MB Aldrin	5.256	4.221	176.7E6	252.1E6	47.869	51.694
6)	B beta-BHC	4.526	3.905	87191329	115.0E6	47.253	51.761
7)	B delta-BHC	4.772	4.133	188.5E6	263.5E6	48.408	52.672
8)	B Heptachlo...	5.682	4.723	160.1E6	234.4E6	47.846	51.201
9)	A Endosulfan I	6.068	5.093	150.6E6	216.1E6	49.043	49.240
10)	B gamma-Chl...	5.939	4.973	162.2E6	248.8E6	48.147	51.522
11)	B alpha-Chl...	6.018	5.037	158.8E6	244.0E6	48.172	51.115
12)	B 4,4'-DDE	6.190	5.224	147.6E6	241.0E6	50.171m	51.845m
13)	MA Dieldrin	6.342	5.357	153.9E6	256.6E6	48.136m	52.885
14)	MA Endrin	6.572	5.633	123.9E6	215.8E6	44.687m	49.452
15)	B Endosulfa...	6.793	5.928	133.5E6	218.3E6	49.191	50.443
16)	A 4,4'-DDD	6.709	5.781	119.3E6	192.8E6	55.058	53.607
17)	MA 4,4'-DDT	7.022	6.030	112.2E6	199.2E6	47.181	49.411
18)	B Endrin al...	6.924	6.107	98393300	163.7E6	46.610	48.632
19)	B Endosulfa...	7.158	6.330	117.8E6	206.1E6	48.424	50.593
20)	A Methoxychlor	7.499	6.606	58798631	104.0E6	49.119	49.038
21)	B Endrin ke...	7.642	6.835	129.6E6	246.4E6	49.014	51.621
22)	Mirex	8.115	7.014	98717101	189.7E6	47.775	49.985

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 09:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

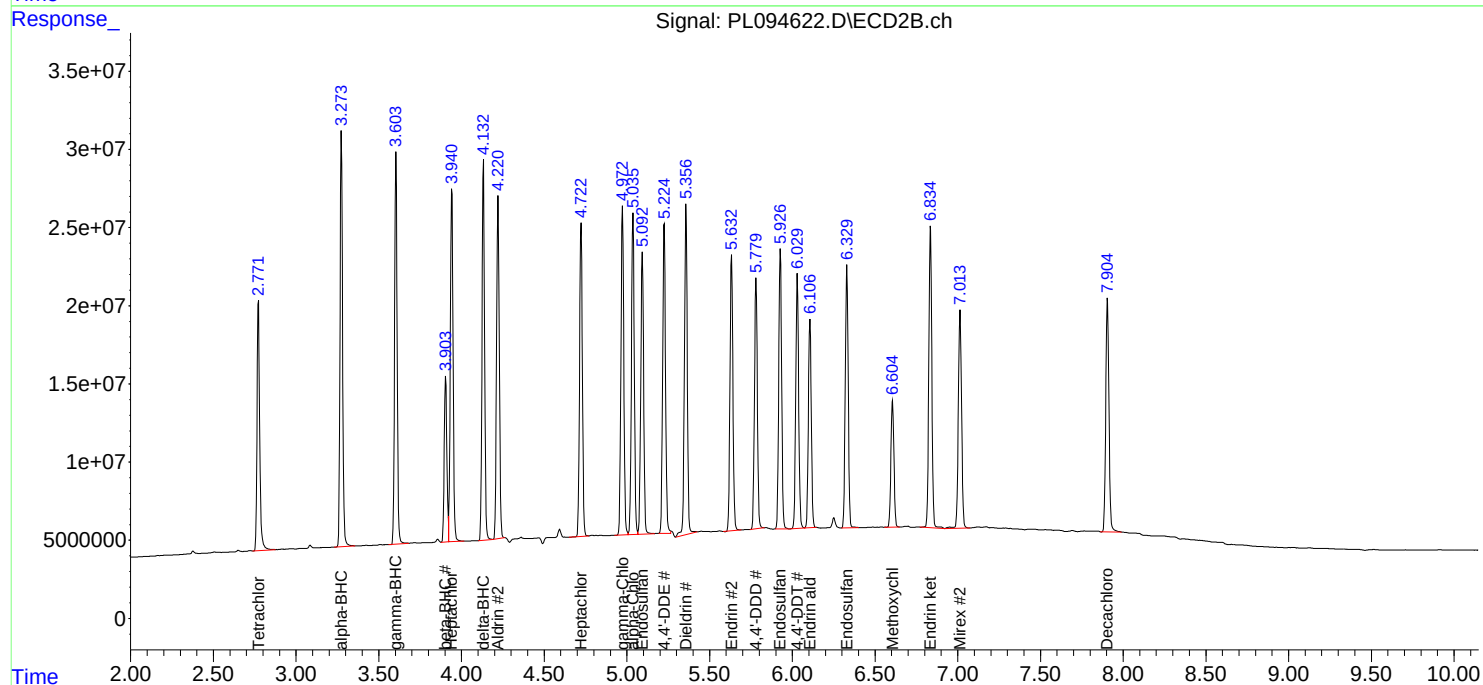
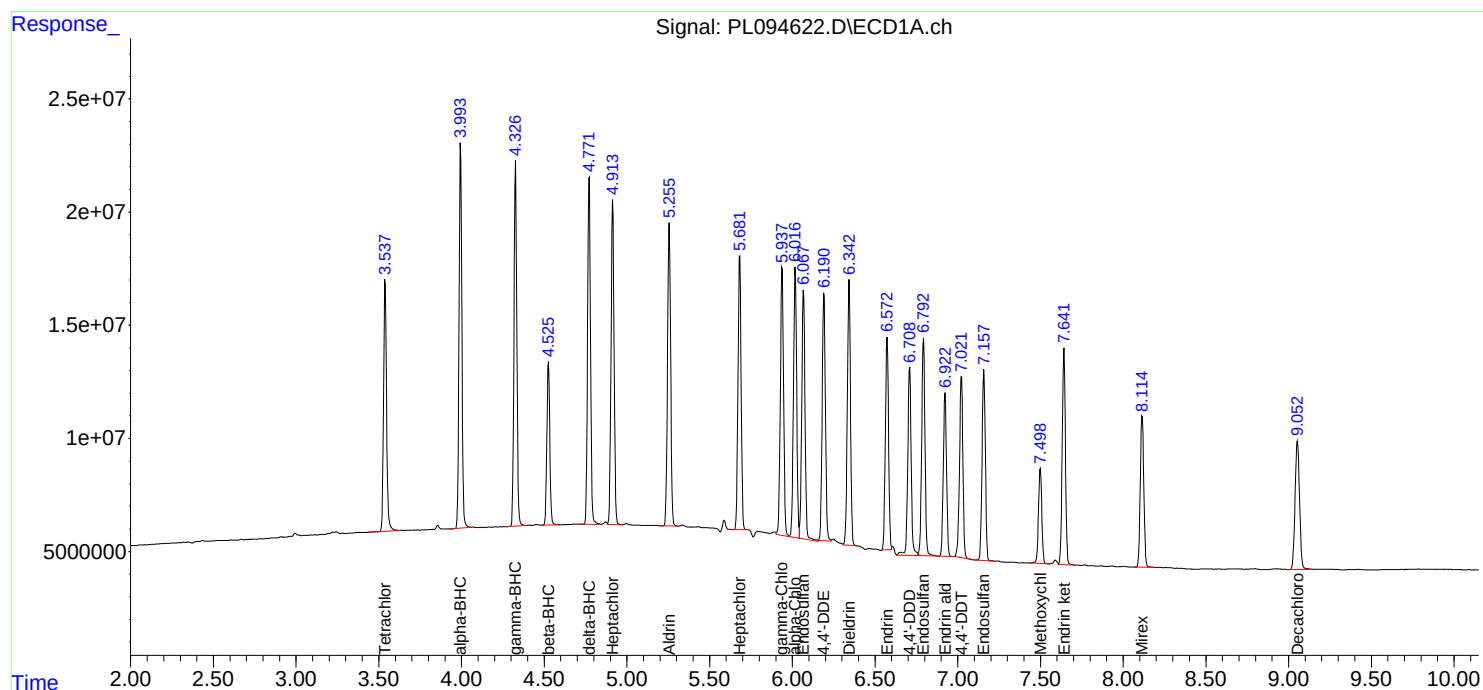
APPROVED

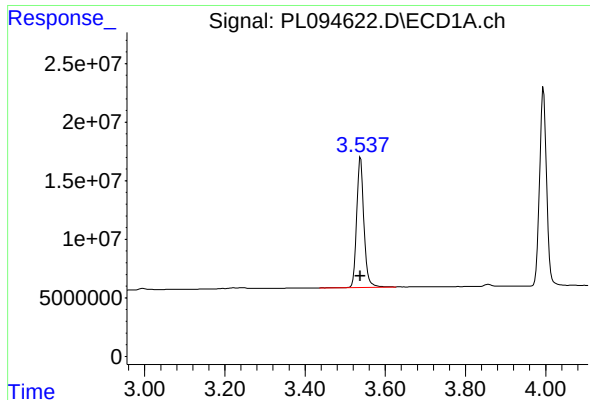
Reviewed By :Abdul Mirza 03/13/2025

Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 13:25:01 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





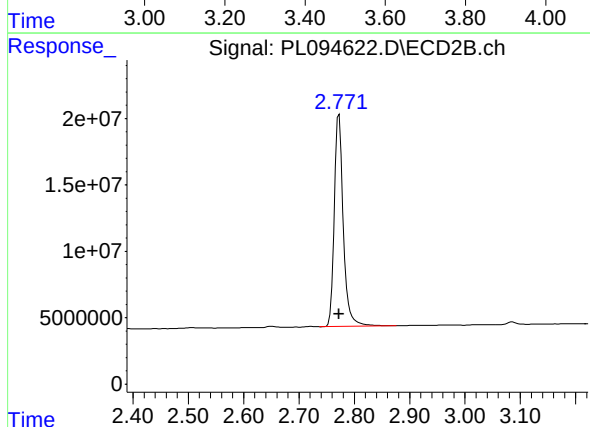
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 138207438
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

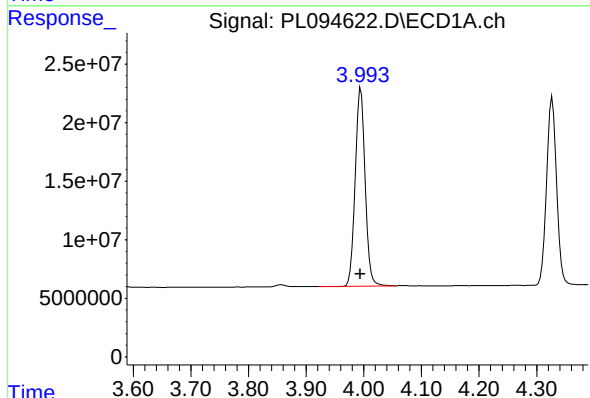
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Supervised By :mohammad ahmed 03/28/2025



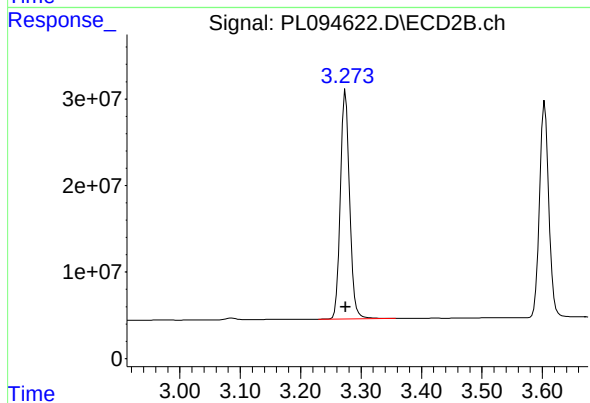
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 181221075
Conc: 50.77 ng/ml



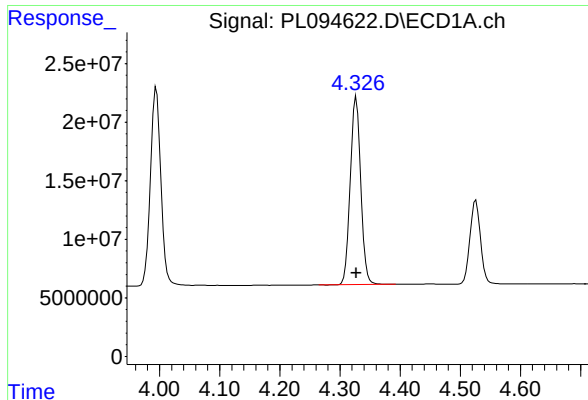
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 202564058
Conc: 48.78 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 279646475
Conc: 51.87 ng/ml



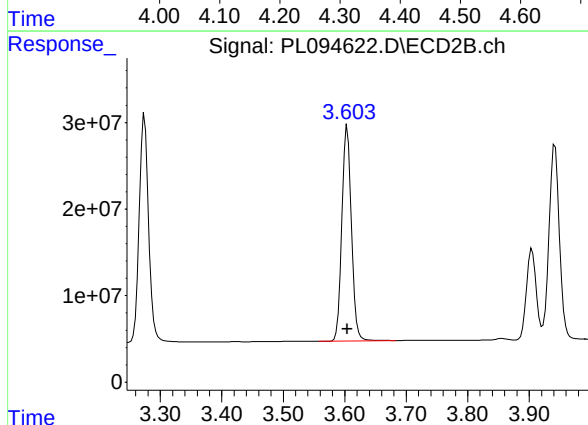
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 193793208
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

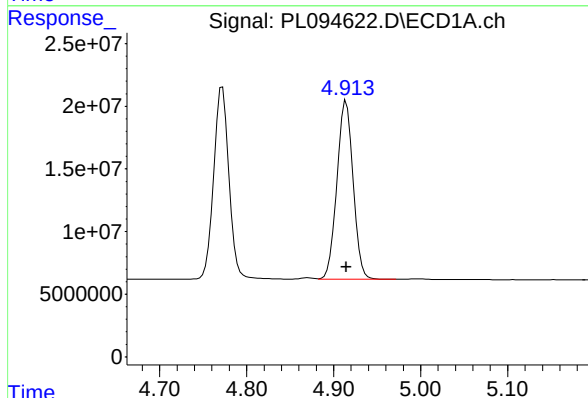
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Supervised By :mohammad ahmed 03/28/2025



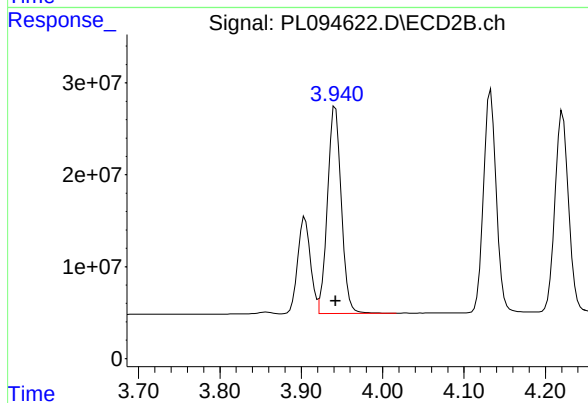
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 266733920
Conc: 51.90 ng/ml



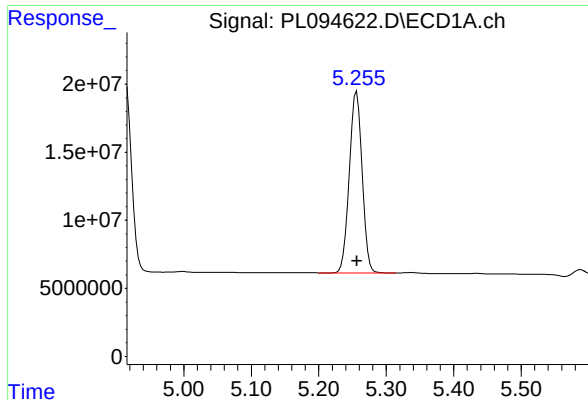
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 184808644
Conc: 47.61 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 265573341
Conc: 50.41 ng/ml



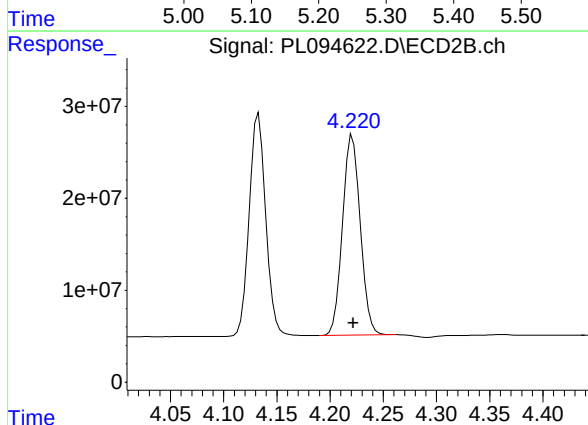
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 176744558
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

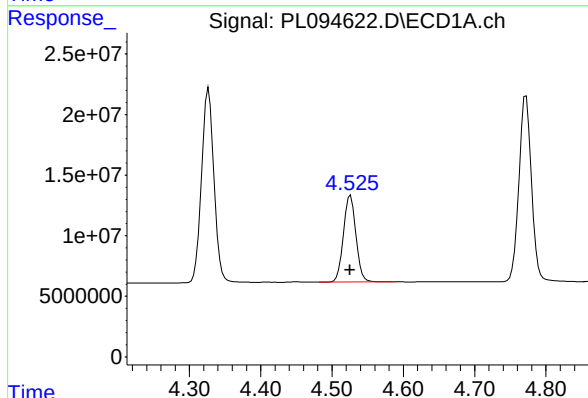
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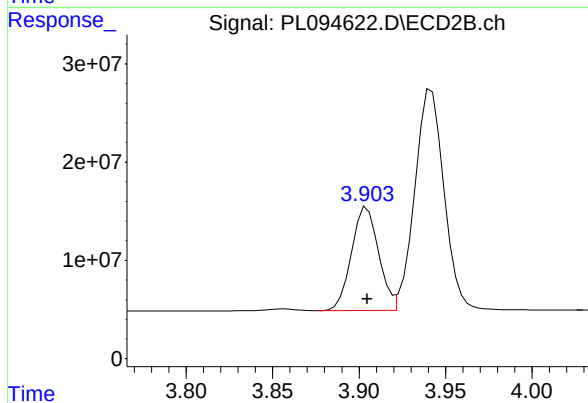
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 252077544
Conc: 51.69 ng/ml



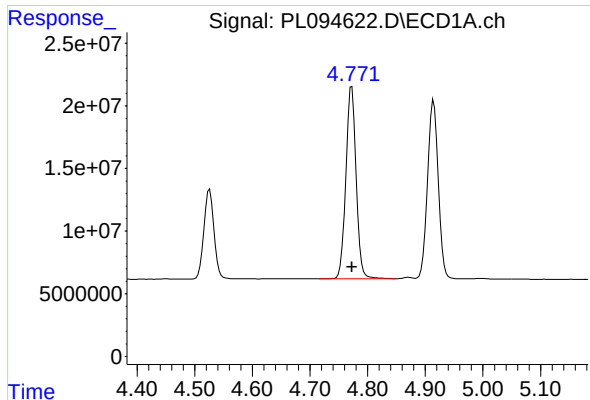
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 87191329
Conc: 47.25 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 114976285
Conc: 51.76 ng/ml



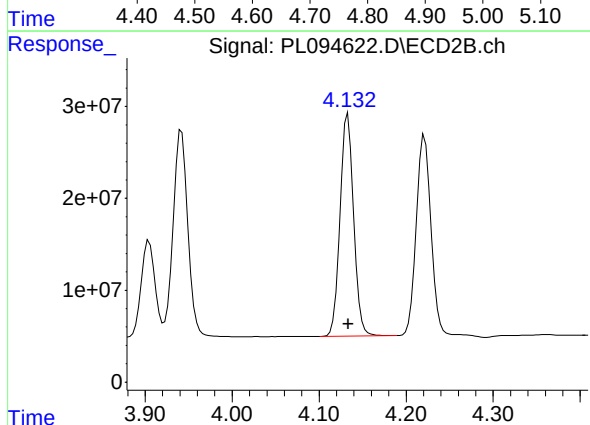
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 188516006
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

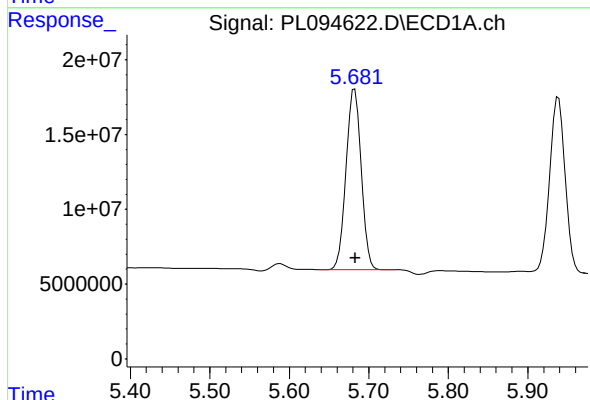
Manual Integrations
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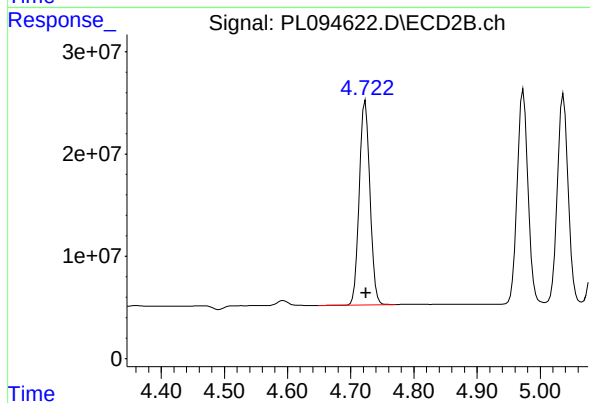
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 263463695
Conc: 52.67 ng/ml



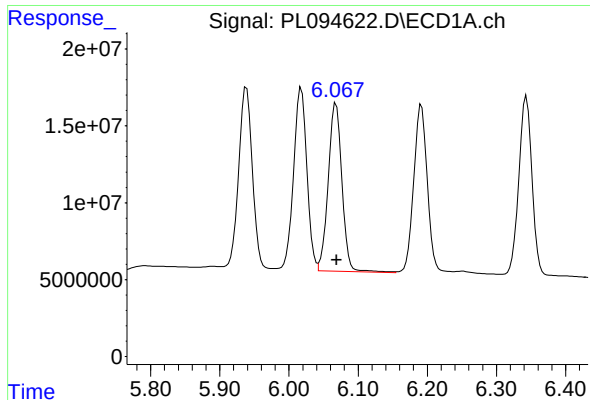
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 160052775
Conc: 47.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 234430120
Conc: 51.20 ng/ml



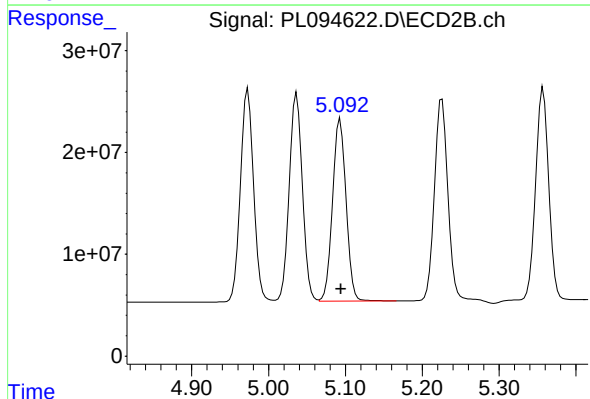
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 150571668
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

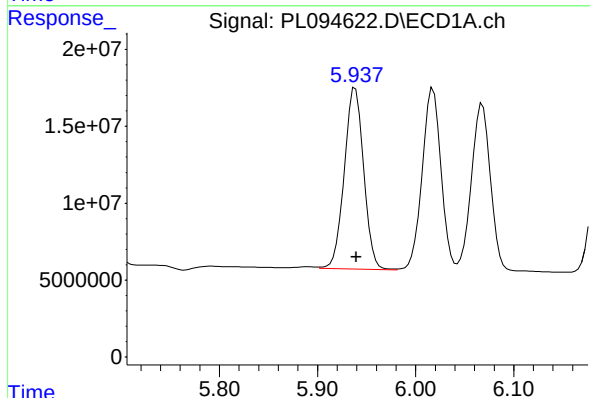
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025



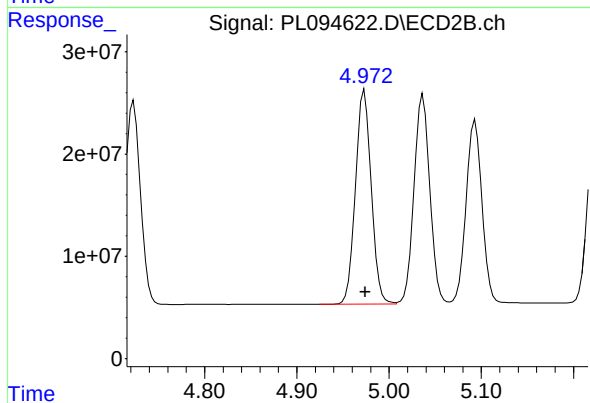
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 216100676
Conc: 49.24 ng/ml



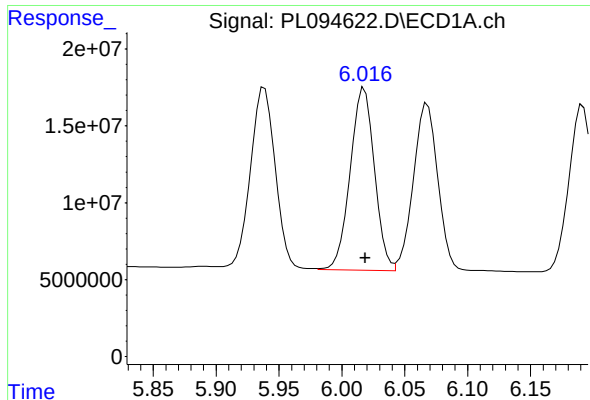
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 162223739
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 248768747
Conc: 51.52 ng/ml



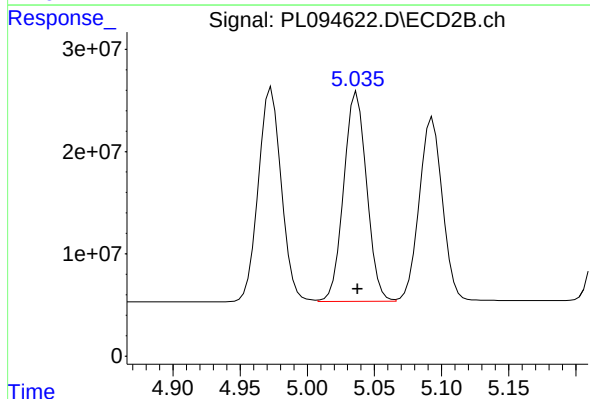
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 158815801
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

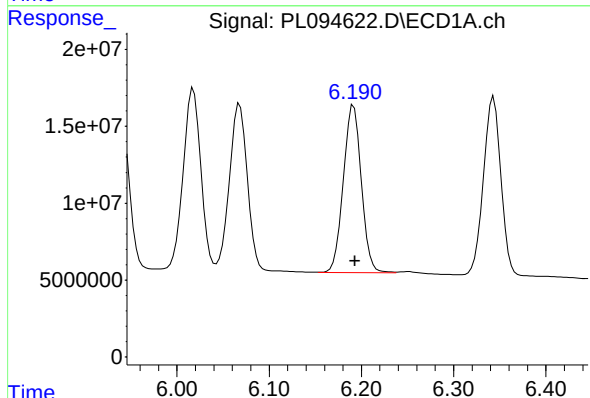
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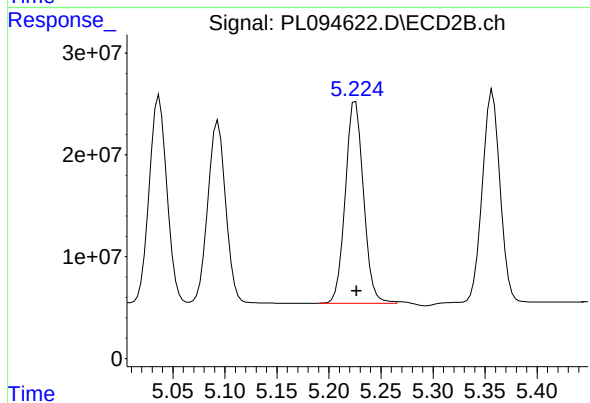
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 243959200
Conc: 51.11 ng/ml



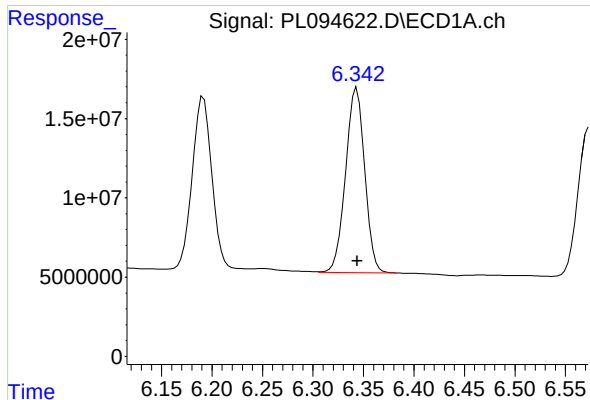
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 147607245
Conc: 50.17 ng/ml m



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 241004879
Conc: 51.85 ng/ml m



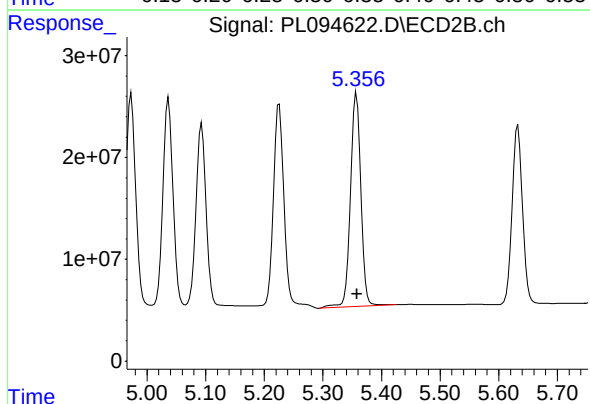
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 153944942
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

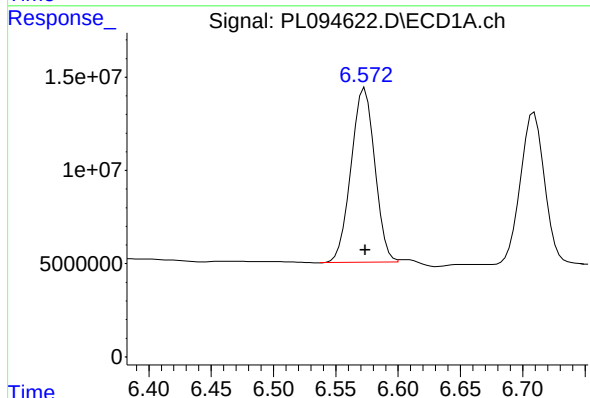
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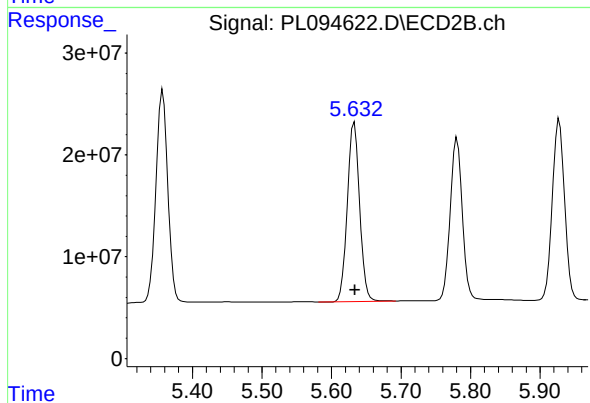
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 256589407
Conc: 52.89 ng/ml



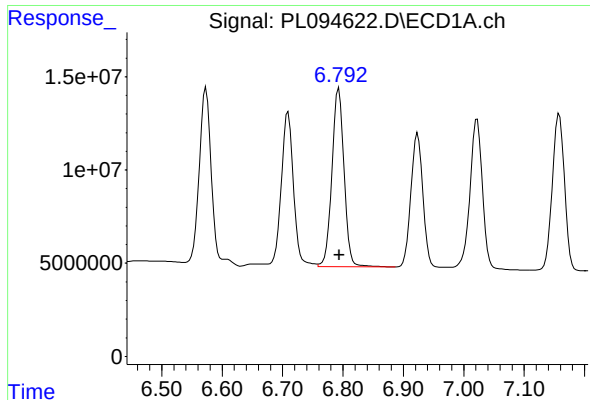
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 123876396
Conc: 44.69 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 215792666
Conc: 49.45 ng/ml



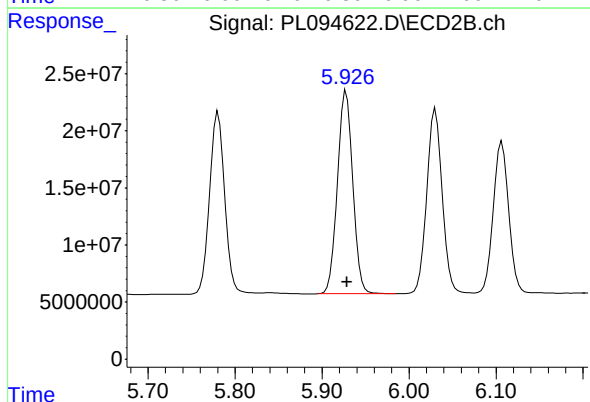
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 133541336
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

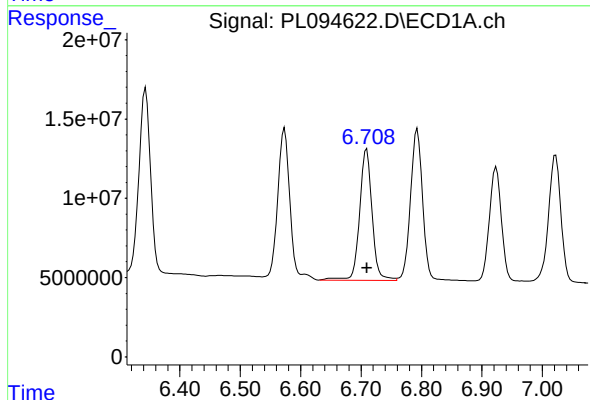
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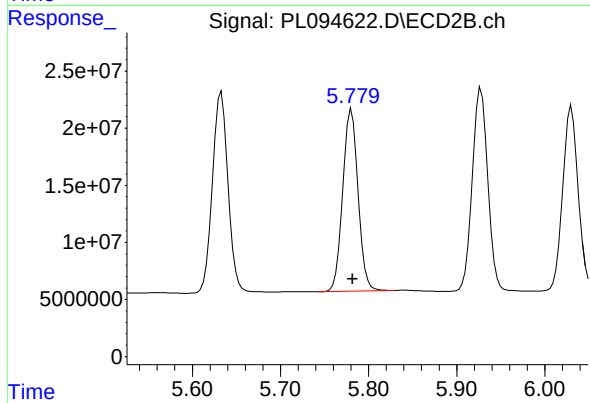
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 218332455
Conc: 50.44 ng/ml



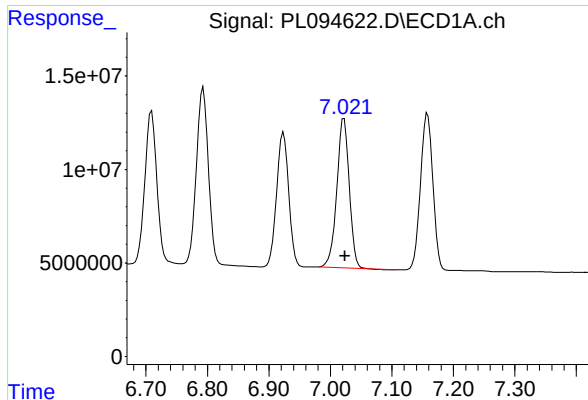
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 119258420
Conc: 55.06 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 192766748
Conc: 53.61 ng/ml



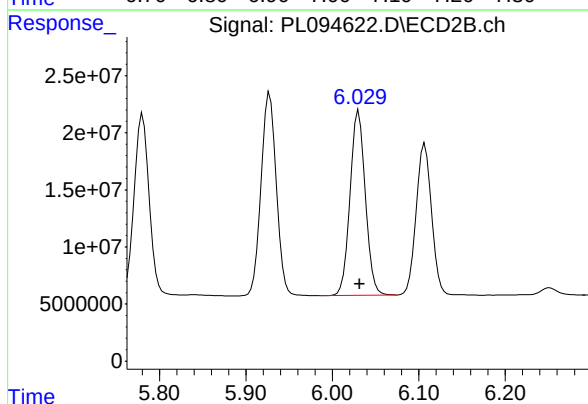
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 112222552
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

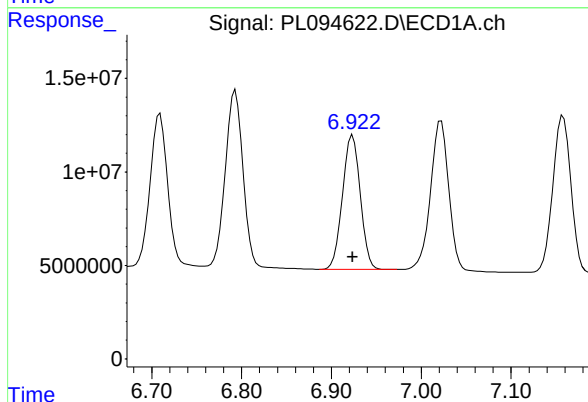
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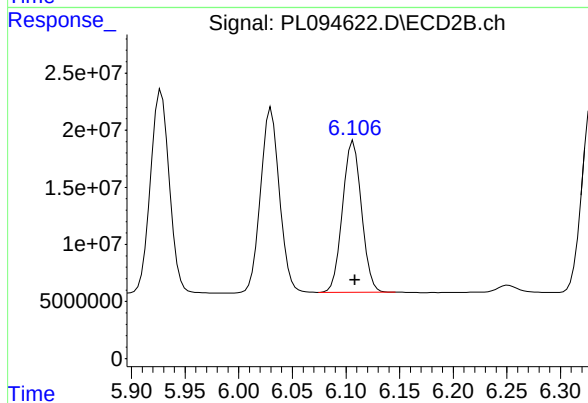
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 199228498
Conc: 49.41 ng/ml



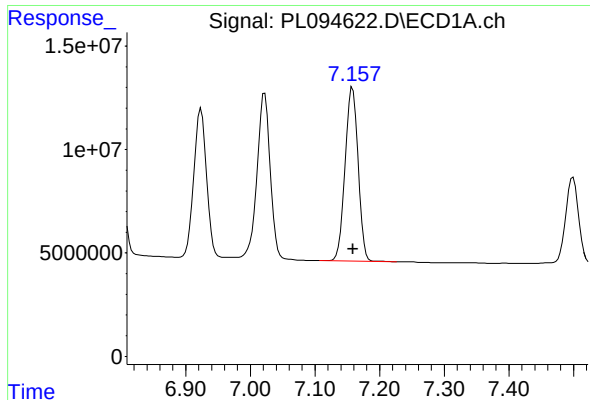
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 98393300
Conc: 46.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 163665064
Conc: 48.63 ng/ml



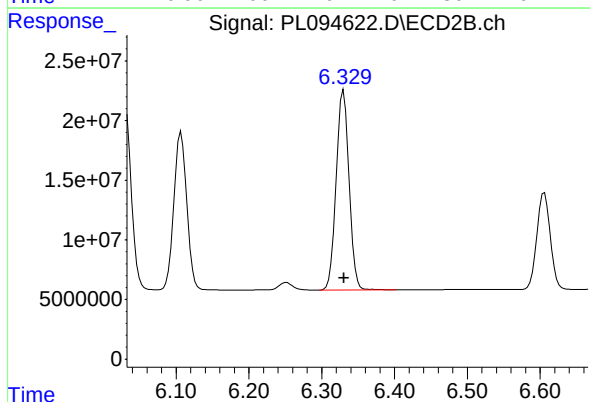
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 117766988
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

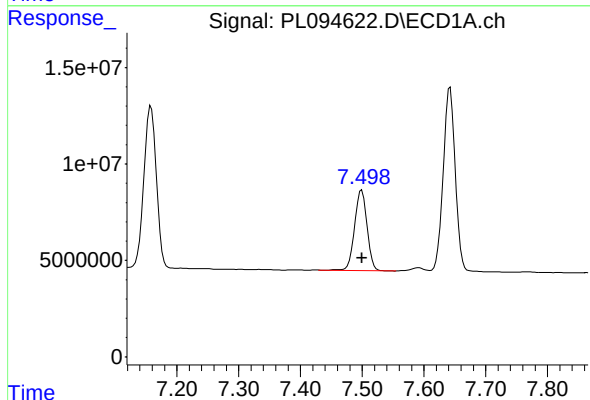
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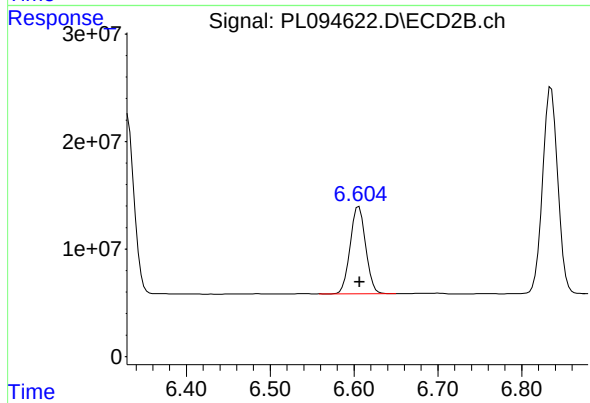
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 206086902
Conc: 50.59 ng/ml



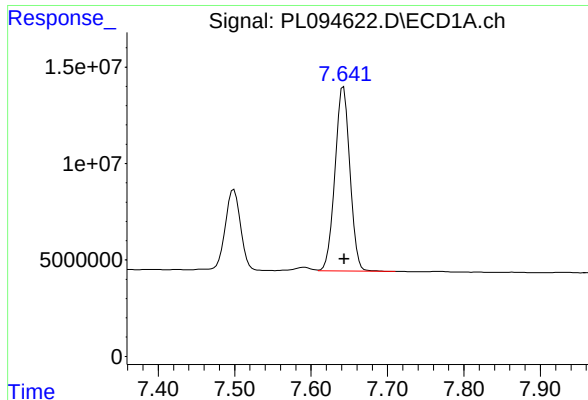
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 58798631
Conc: 49.12 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 104011983
Conc: 49.04 ng/ml



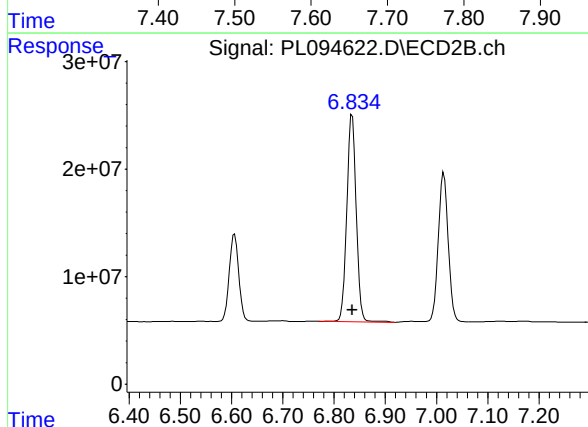
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 129558344
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

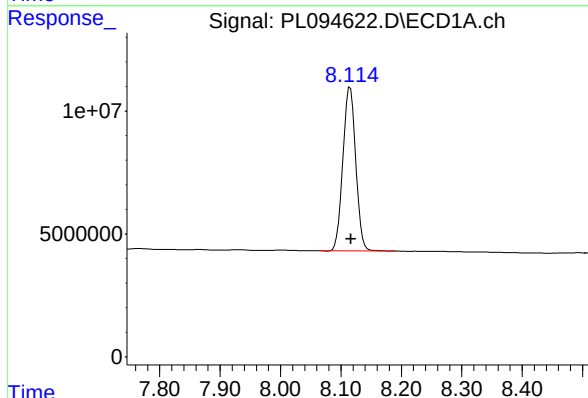
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Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



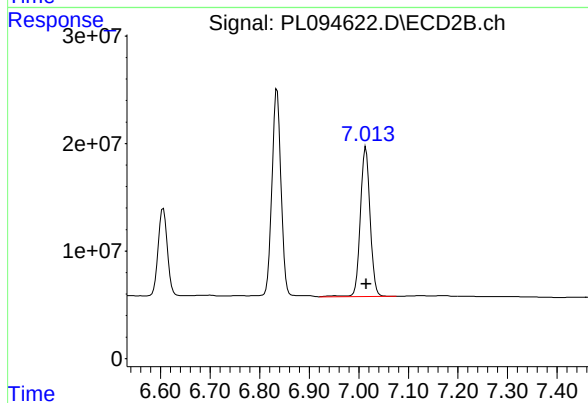
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 246364112
Conc: 51.62 ng/ml



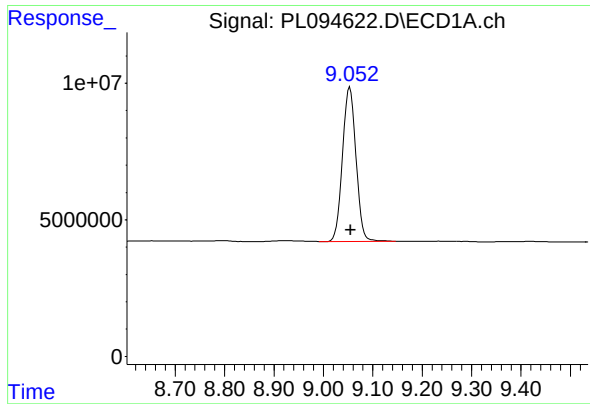
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 98717101
Conc: 47.78 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 189707460
Conc: 49.98 ng/ml



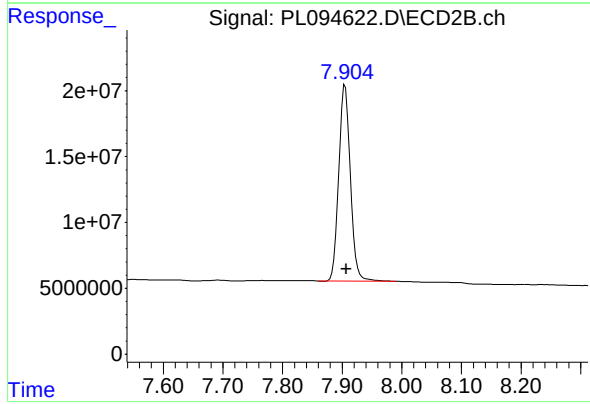
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 107130494
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 202549068
Conc: 50.14 ng/ml