

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 17:29
 Operator : AR\AJ
 Sample : Q2649-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:49:44 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...	3.534	2.828	62048258	113.4E6	17.004m	19.650
28)	SA Decachlor...	9.016	7.992	43218969	85023167	15.364	17.051
Target Compounds							
2)	A alpha-BHC	3.983	3.334	282.5E6	504.9E6	54.935	59.865
3)	MA gamma-BHC...	4.311	3.666	270.4E6	467.6E6	54.304	59.365
4)	MA Heptachlor	4.904	4.015	252.5E6	449.4E6	55.125	59.069
5)	MB Aldrin	5.244	4.297	256.8E6	428.4E6	53.136	58.720
6)	B beta-BHC	4.498	3.962	115.0E6	194.0E6	55.299	56.660
7)	B delta-BHC	4.744	4.195	256.6E6	458.3E6	57.262	59.502
8)	B Heptachlo...	5.663	4.799	237.5E6	384.8E6	57.247	57.556
9)	A Endosulfan I	6.044	5.170	215.3E6	357.6E6	53.329	49.849
10)	B gamma-Chl...	5.917	5.051	233.5E6	404.9E6	52.771	57.678
11)	B alpha-Chl...	5.997	5.115	233.0E6	397.0E6	53.205	52.790
12)	B 4,4'-DDE	6.167	5.305	197.0E6	373.8E6	53.126	57.825
13)	MA Dieldrin	6.317	5.435	225.0E6	395.8E6	53.205	58.039
14)	MA Endrin	6.543	5.709	178.1E6	355.5E6	57.265	58.316
15)	B Endosulfa...	6.756	6.001	188.2E6	338.6E6	54.222	57.743
16)	A 4,4'-DDD	6.675	5.857	162.7E6	298.7E6	55.882	58.250
17)	MA 4,4'-DDT	6.990	6.109	161.6E6	321.8E6	53.227	56.114
18)	B Endrin al...	6.884	6.179	140.8E6	262.0E6	62.993	58.814
19)	B Endosulfa...	7.118	6.403	162.7E6	327.0E6	53.191	58.137
20)	A Methoxychlor	7.462	6.682	89079727	170.1E6	56.544	56.005
21)	B Endrin ke...	7.597	6.905	170.4E6	350.5E6	51.605	56.060m
22)	Mirex	8.076	7.097	141.9E6	275.8E6	51.004	55.508

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
Data File : PL096519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 17:29
Operator : AR\AJ
Sample : Q2649-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

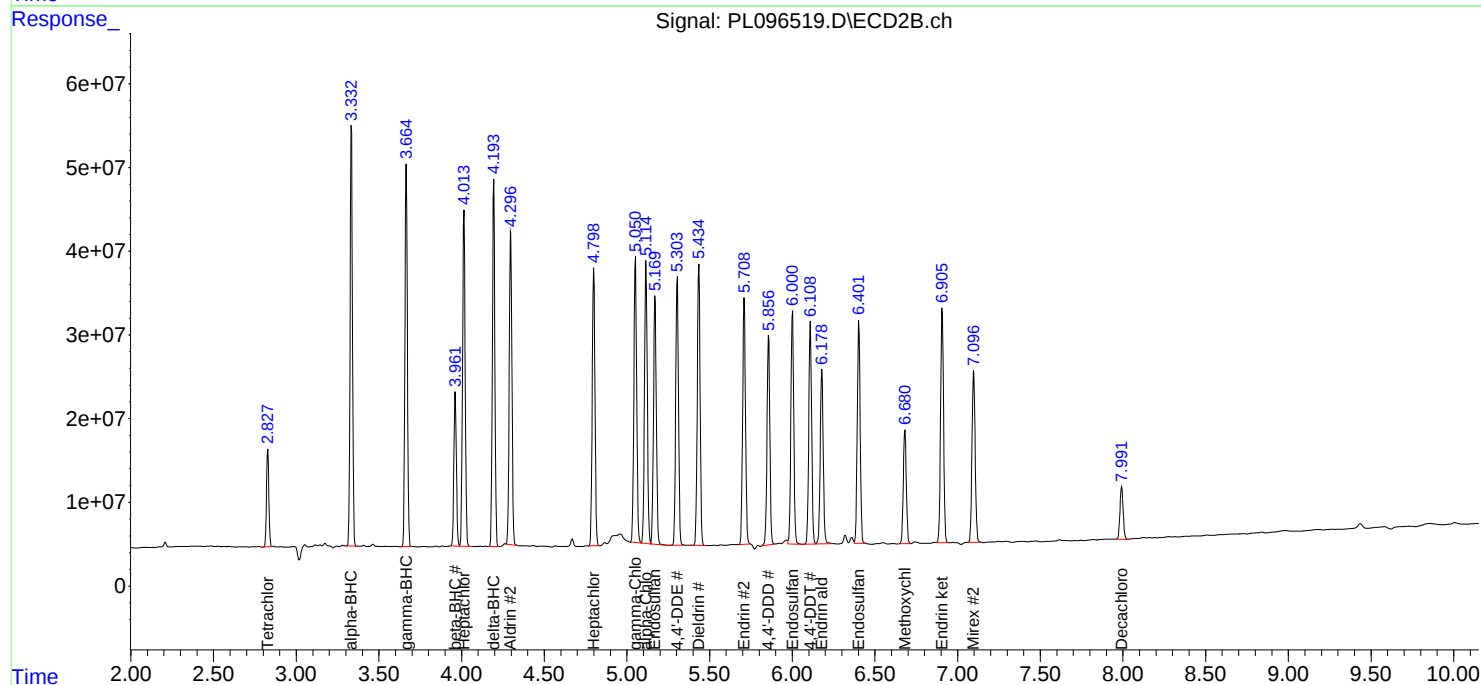
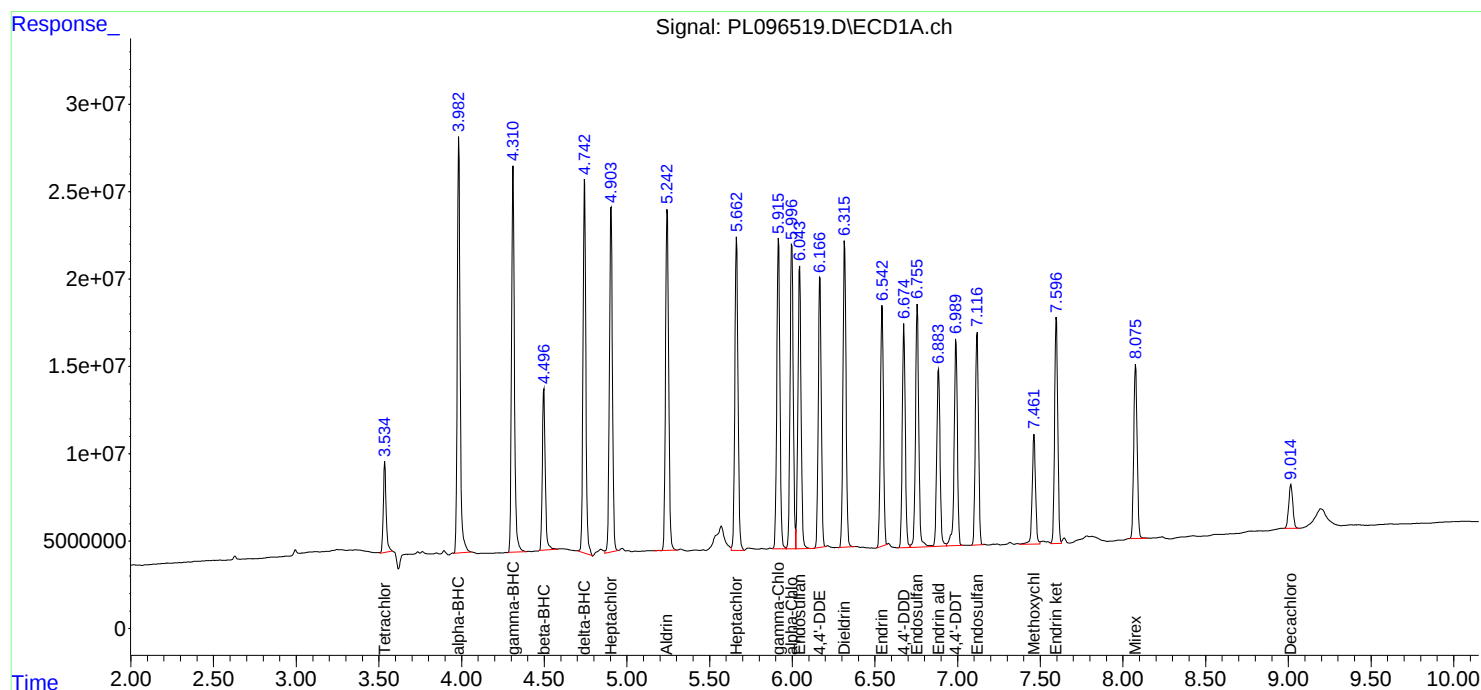
Instrument :
ECD_L
ClientSampleId :
WC-2MS

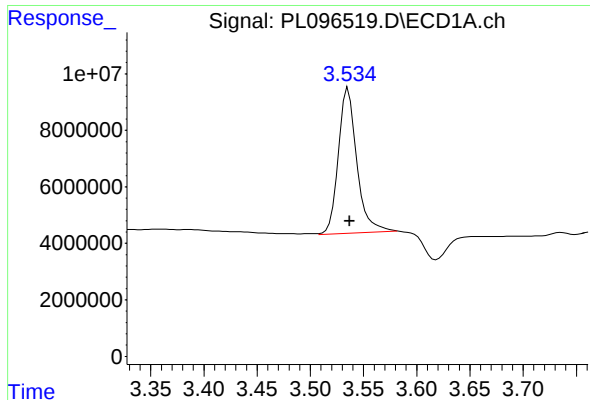
Manual Integrations
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Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:49:44 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





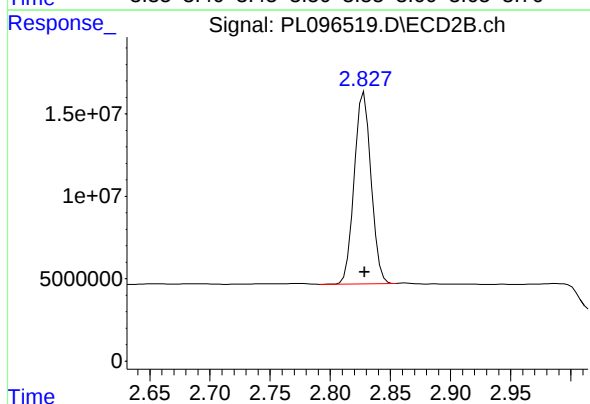
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 62048258
Conc: 17.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

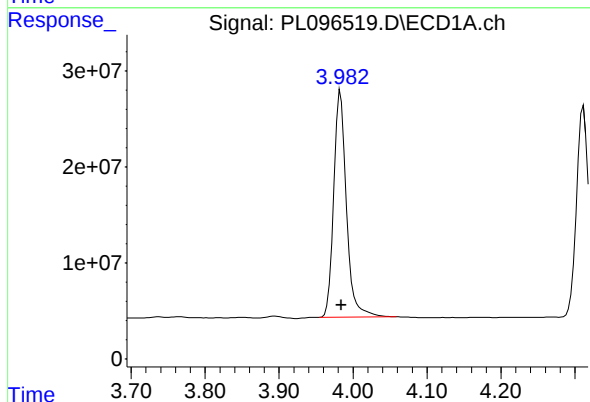
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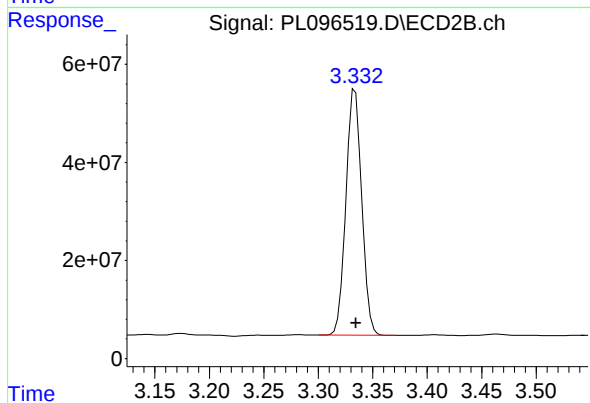
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 113405810
Conc: 19.65 ng/ml



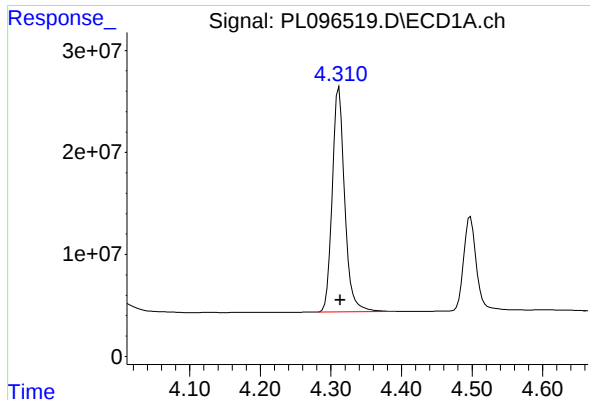
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 282540455
Conc: 54.94 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 504923323
Conc: 59.87 ng/ml



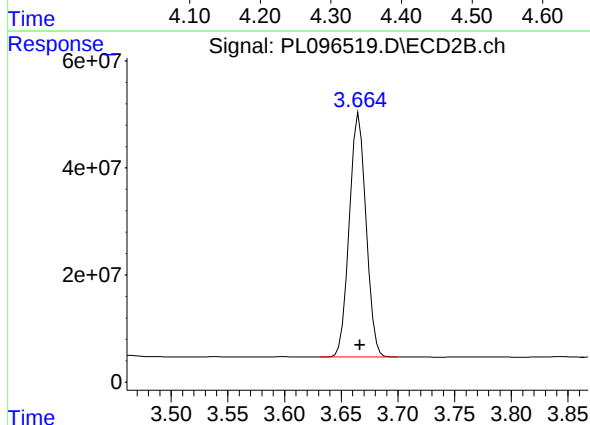
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.001 min
Response: 270413433
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

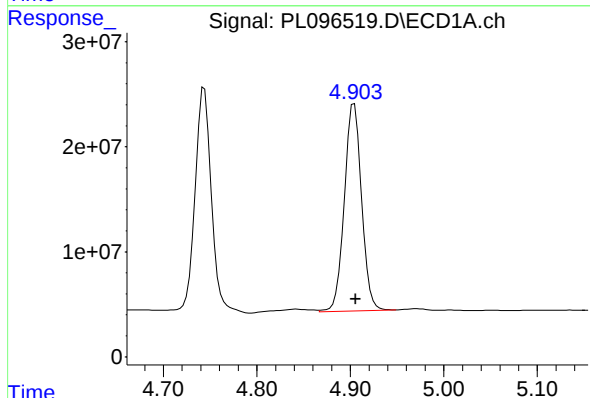
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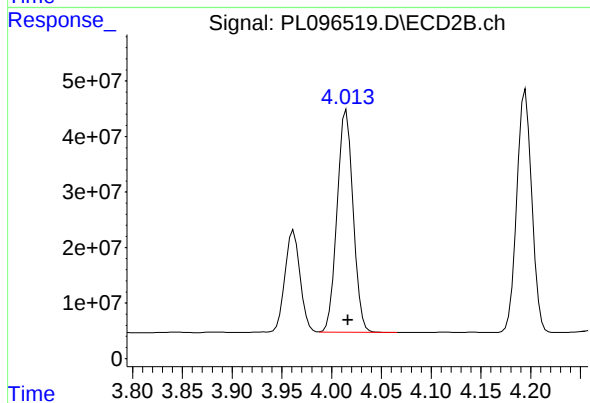
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 467554748
Conc: 59.37 ng/ml



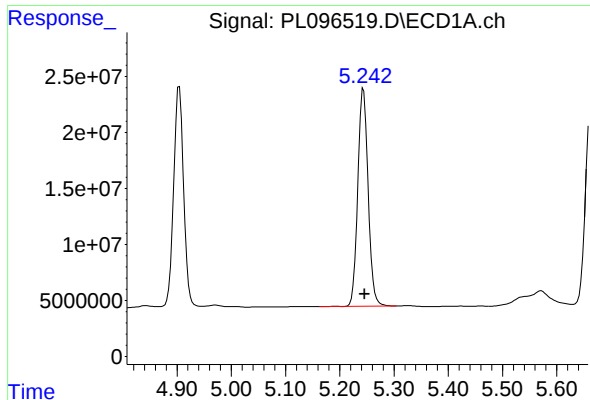
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 252539339
Conc: 55.12 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 449381268
Conc: 59.07 ng/ml



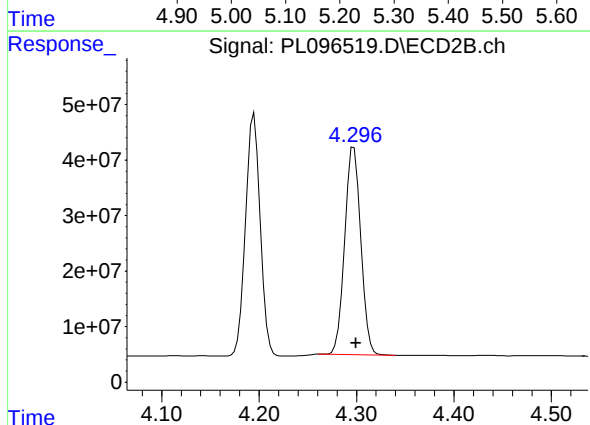
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 256843998
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

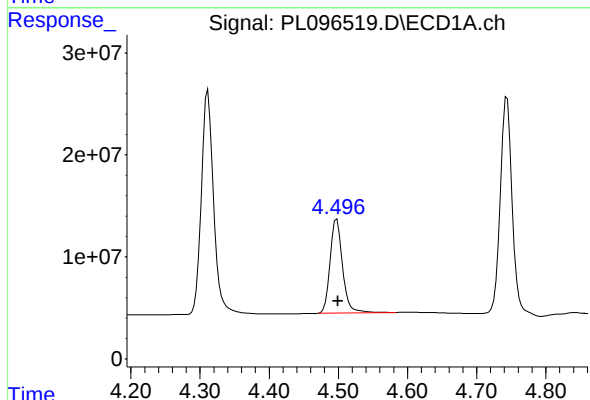
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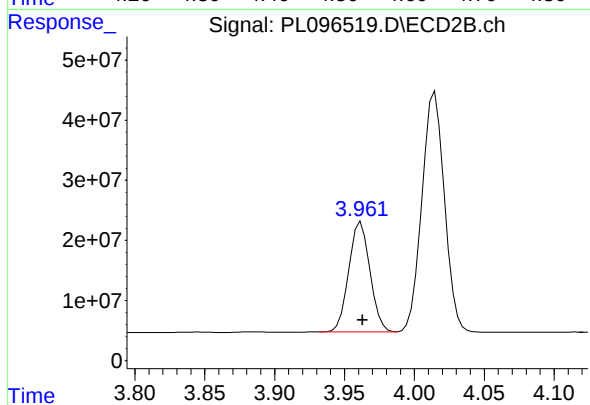
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 428399608
Conc: 58.72 ng/ml



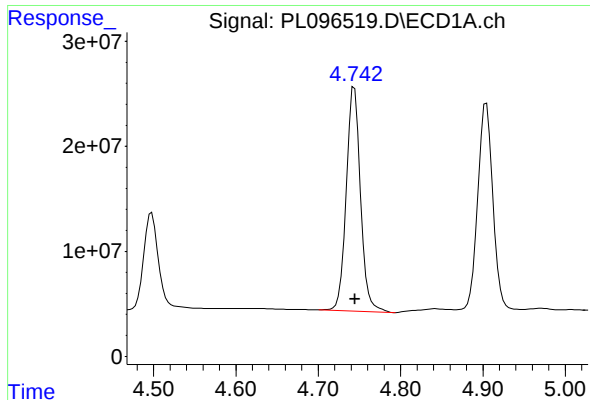
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 114955192
Conc: 55.30 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 193999641
Conc: 56.66 ng/ml



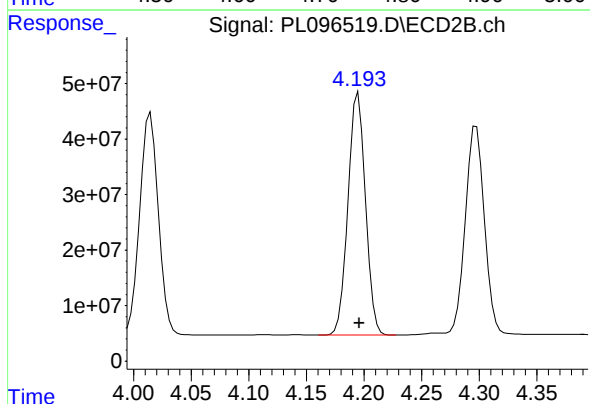
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 256611665
Conc: 57.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

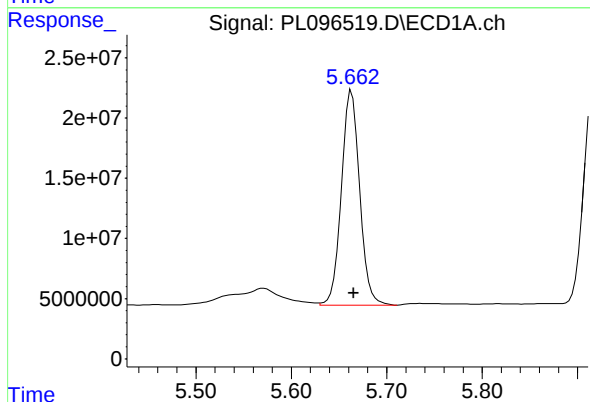
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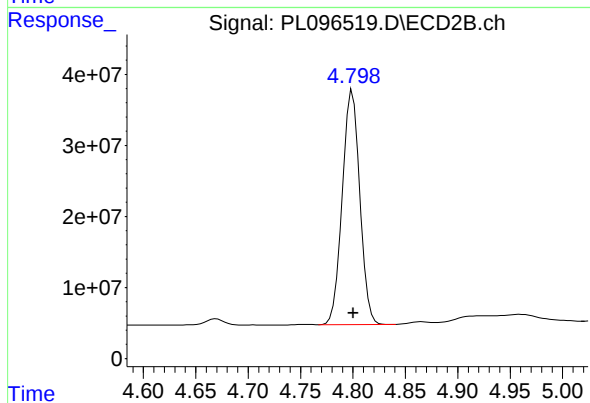
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 458282445
Conc: 59.50 ng/ml



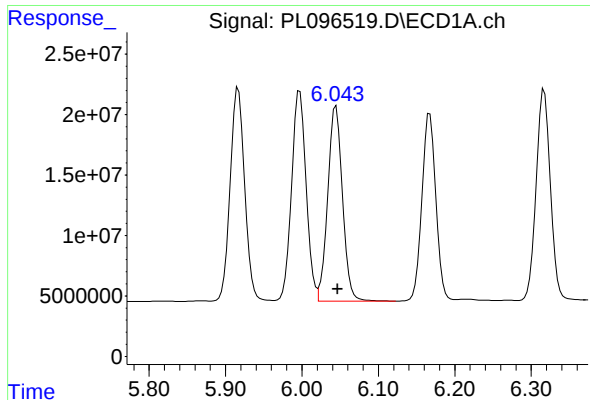
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 237525754
Conc: 57.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 384754703
Conc: 57.56 ng/ml



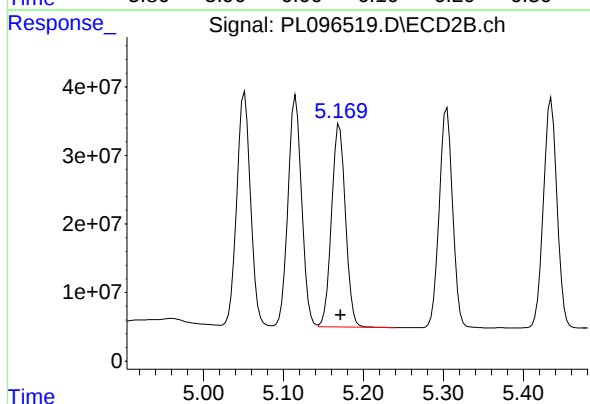
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 215302960
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

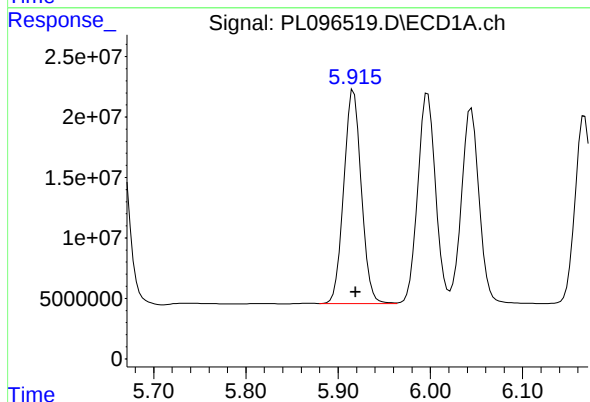
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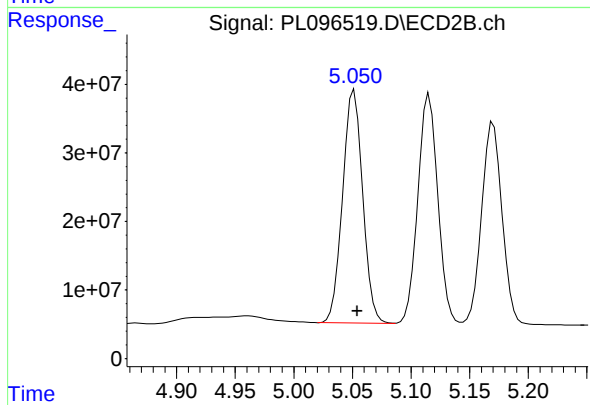
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 357623366
Conc: 49.85 ng/ml



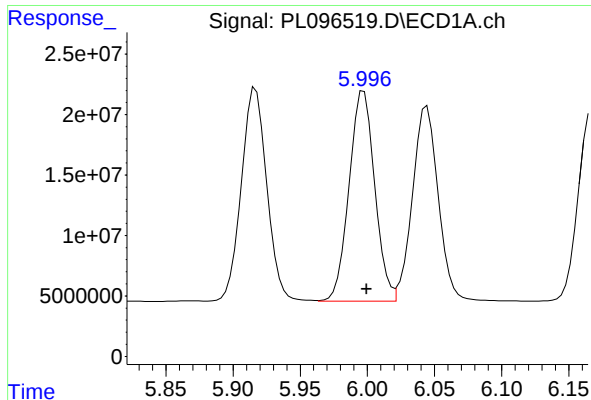
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 233503137
Conc: 52.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 404884459
Conc: 57.68 ng/ml



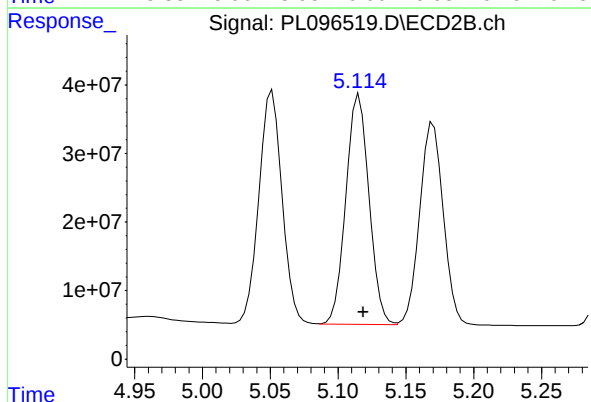
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 232976757
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

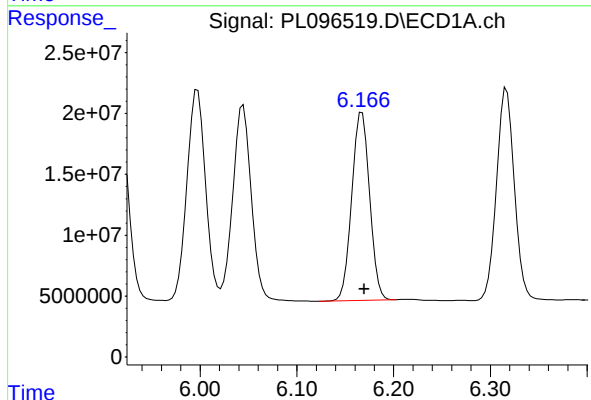
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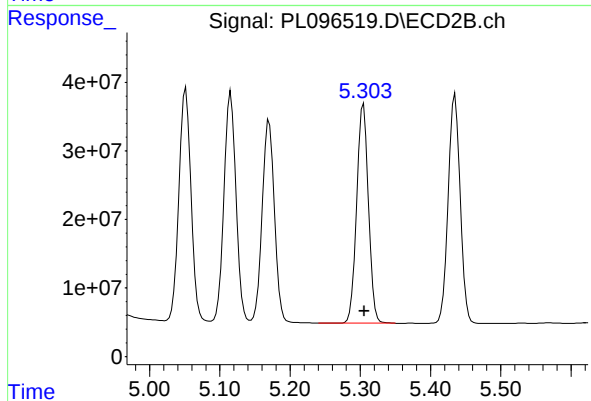
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 396992527
Conc: 52.79 ng/ml



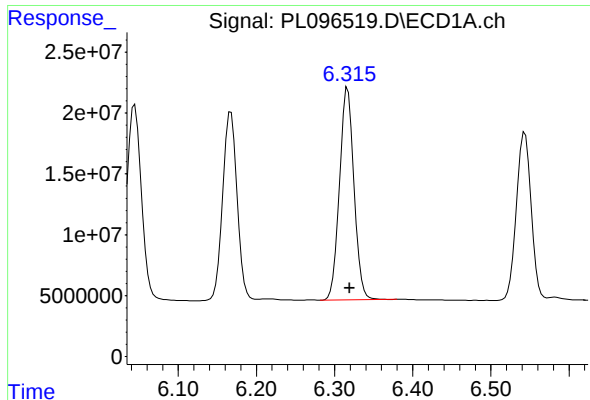
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 196962444
Conc: 53.13 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 373762561
Conc: 57.82 ng/ml



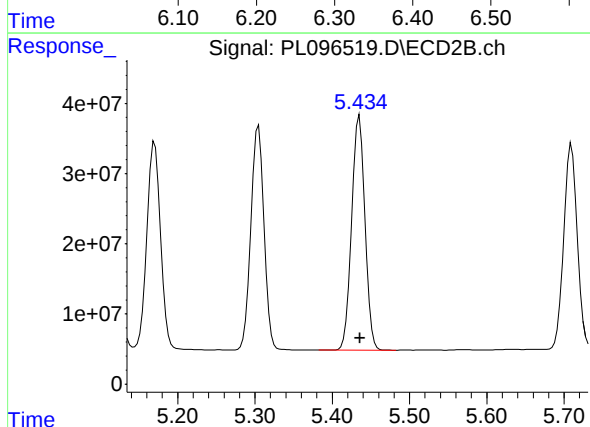
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 224970422
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

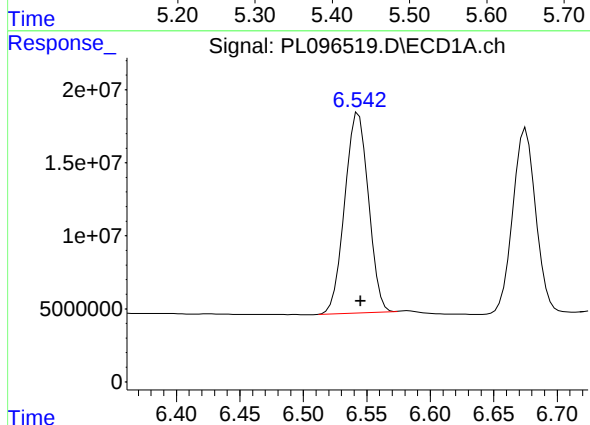
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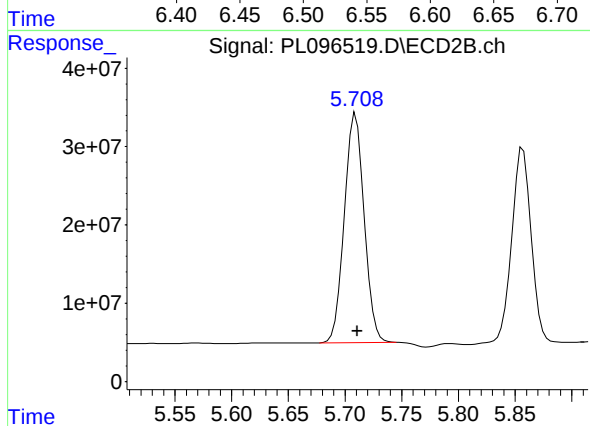
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 395783522
Conc: 58.04 ng/ml



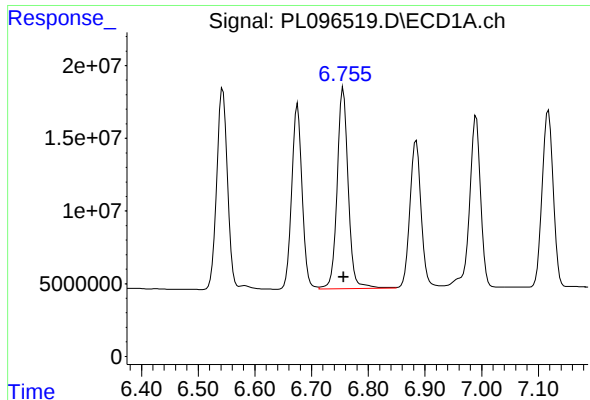
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 178106169
Conc: 57.26 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 355520617
Conc: 58.32 ng/ml



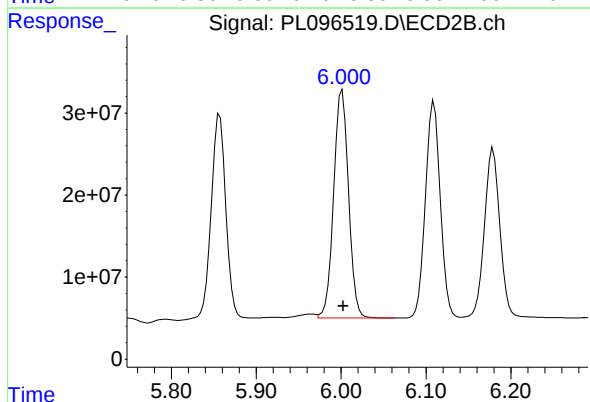
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 188153033
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

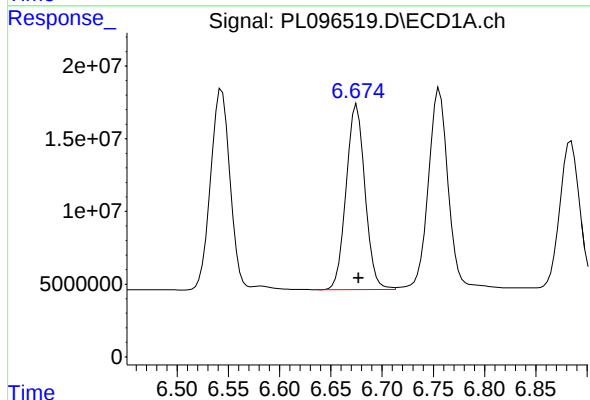
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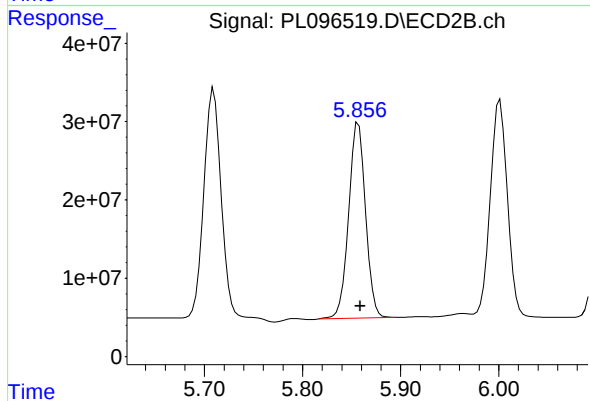
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 338599795
Conc: 57.74 ng/ml



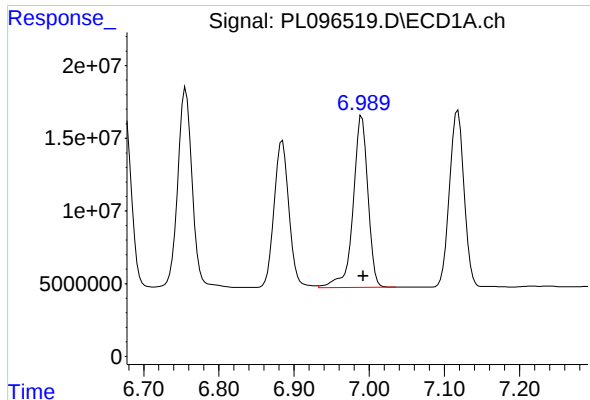
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 162712583
Conc: 55.88 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 298744875
Conc: 58.25 ng/ml



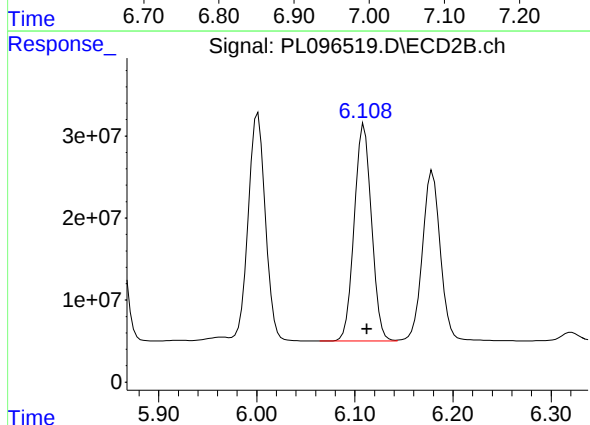
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 161554750
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

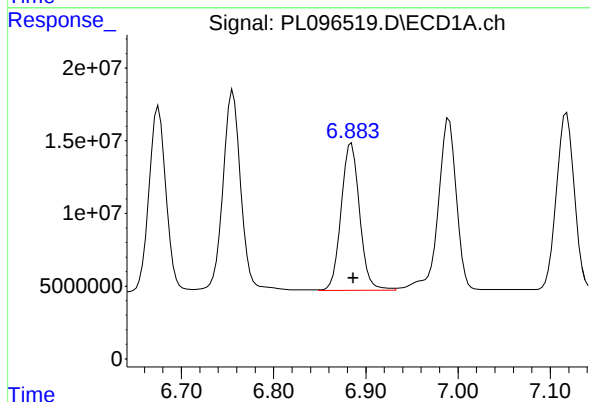
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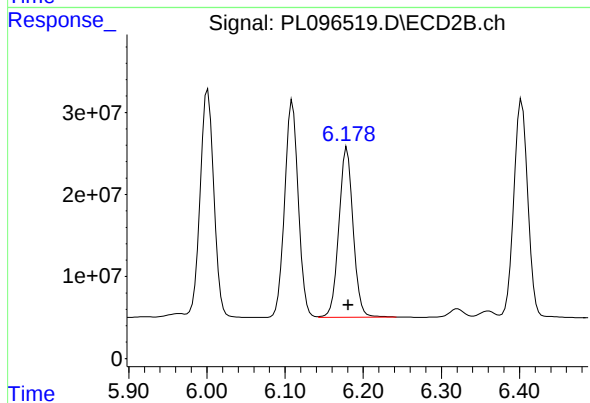
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 321818694
Conc: 56.11 ng/ml



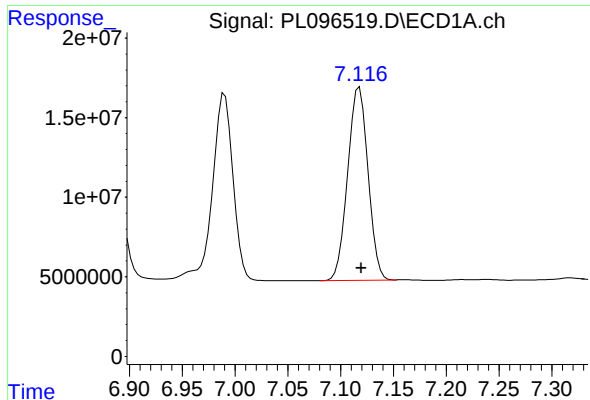
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 140824905
Conc: 62.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 261990947
Conc: 58.81 ng/ml



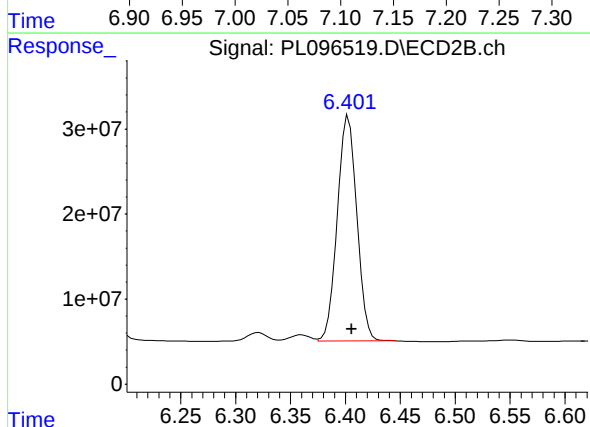
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 162702189
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

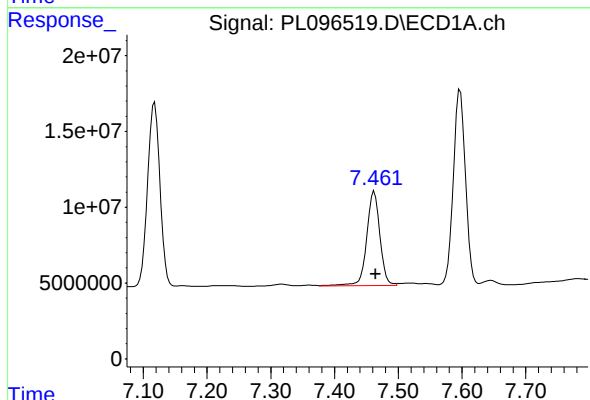
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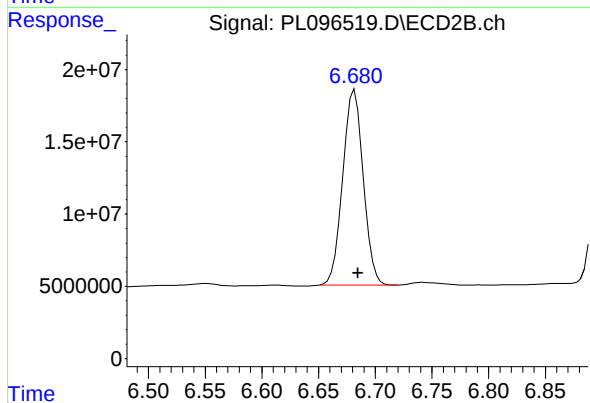
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 326983220
Conc: 58.14 ng/ml



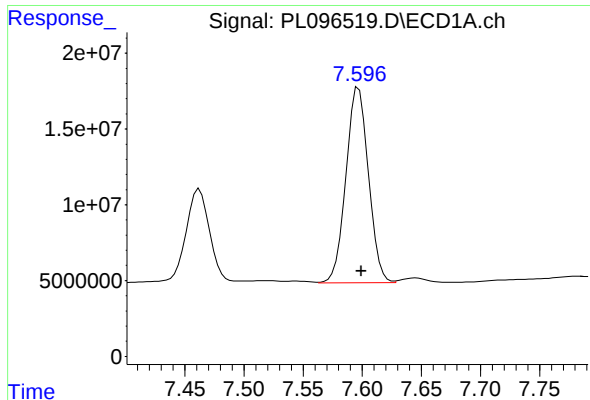
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 89079727
Conc: 56.54 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 170130023
Conc: 56.00 ng/ml



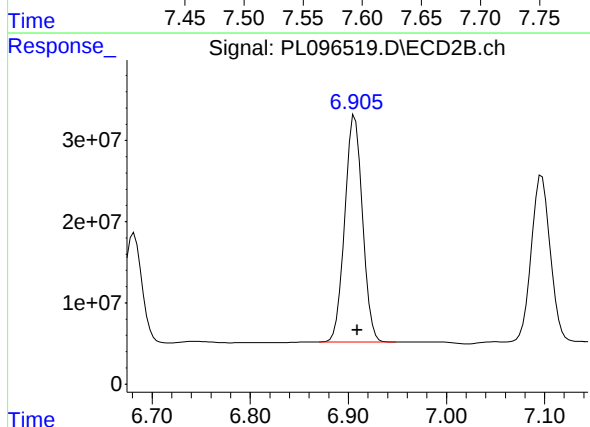
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 170380973
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

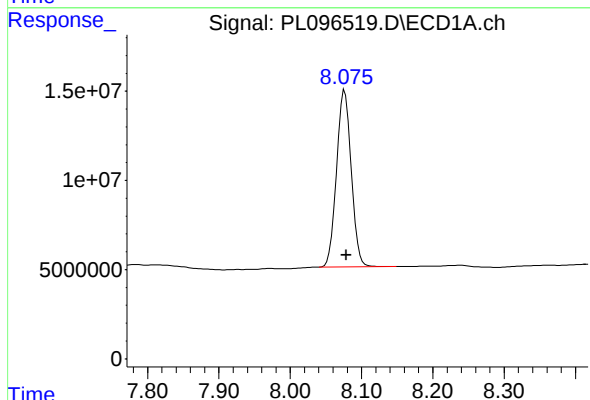
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



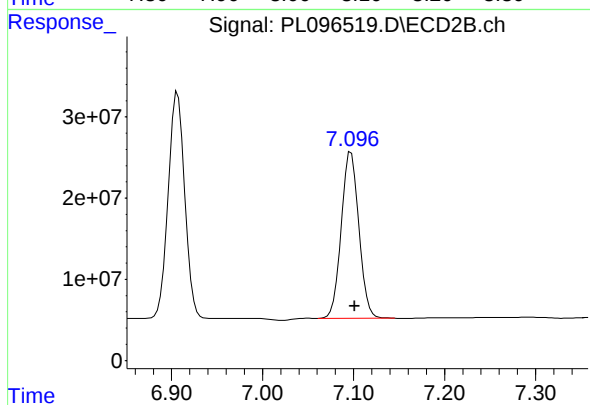
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 350503248
Conc: 56.06 ng/ml



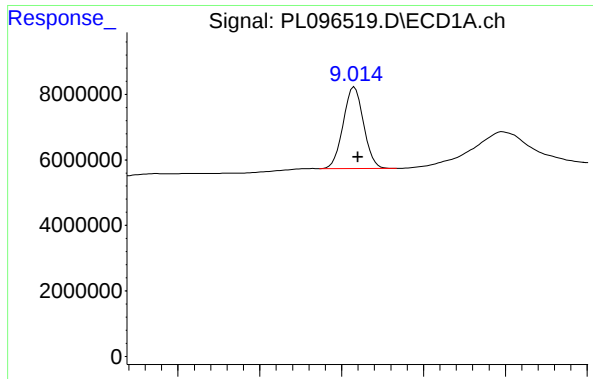
#22 Mirex

R.T.: 8.076 min
Delta R.T.: -0.002 min
Response: 141903298
Conc: 51.00 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 275776350
Conc: 55.51 ng/ml



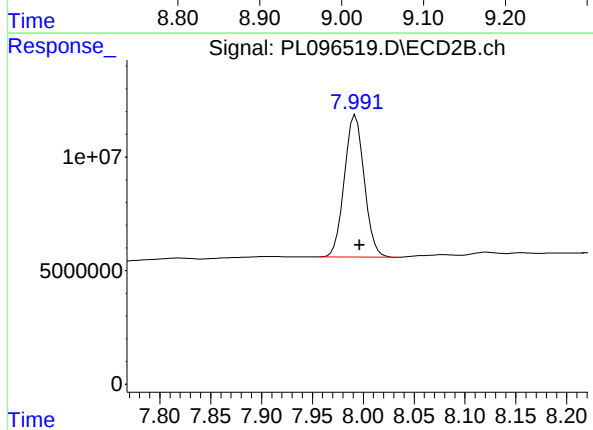
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 43218969
Conc: 15.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 85023167
Conc: 17.05 ng/ml