

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
 Data File : PL096116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 10:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2025
 Supervised By : mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:58:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 17:11:36 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...	3.572	2.883	217.3E6	269.0E6	59.709	56.714
28)	SA Decachlor...	9.117	8.065	141.8E6	283.2E6	49.530	46.977
Target Compounds							
2)	A alpha-BHC	4.023	3.391	342.9E6	419.8E6	60.533	58.338
3)	MA gamma-BHC...	4.355	3.724	315.1E6	391.8E6	59.542	57.177
4)	MA Heptachlor	4.952	4.076	271.4E6	379.9E6	55.834	54.479
5)	MB Aldrin	5.295	4.361	292.7E6	372.4E6	57.415	56.611
6)	B beta-BHC	4.542	4.020	132.7E6	169.2E6	58.865	55.853
7)	B delta-BHC	4.790	4.255	304.0E6	392.1E6	58.476	57.051
8)	B Heptachlo...	5.716	4.864	256.0E6	340.2E6	56.381	55.177
9)	A Endosulfan I	6.099	5.236	239.9E6	310.1E6	55.854	48.360
10)	B gamma-Chl...	5.969	5.116	260.4E6	368.7E6	55.916m	55.424
11)	B alpha-Chl...	6.052	5.181	258.8E6	358.7E6	55.909	52.622
12)	B 4,4'-DDE	6.222	5.368	236.7E6	351.8E6	54.648	53.632m
13)	MA Dieldrin	6.372	5.502	255.6E6	359.9E6	55.294	54.853
14)	MA Endrin	6.600	5.778	192.4E6	298.6E6	50.627	50.304
15)	B Endosulfa...	6.814	6.070	212.6E6	316.2E6	53.685	53.181
16)	A 4,4'-DDD	6.733	5.923	196.7E6	297.0E6	56.381	53.993
17)	MA 4,4'-DDT	7.049	6.177	165.4E6	279.4E6	47.368	46.569
18)	B Endrin al...	6.943	6.249	153.9E6	233.3E6	54.180	52.015
19)	B Endosulfa...	7.178	6.473	190.5E6	297.1E6	52.533	52.257
20)	A Methoxychlor	7.525	6.750	78322769	146.8E6	43.989	44.754
21)	B Endrin ke...	7.660	6.979	206.4E6	355.3E6	53.006	53.542
22)	Mirex	8.143	7.172	148.3E6	265.6E6	50.056	47.564

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
Data File : PL096116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2025 10:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

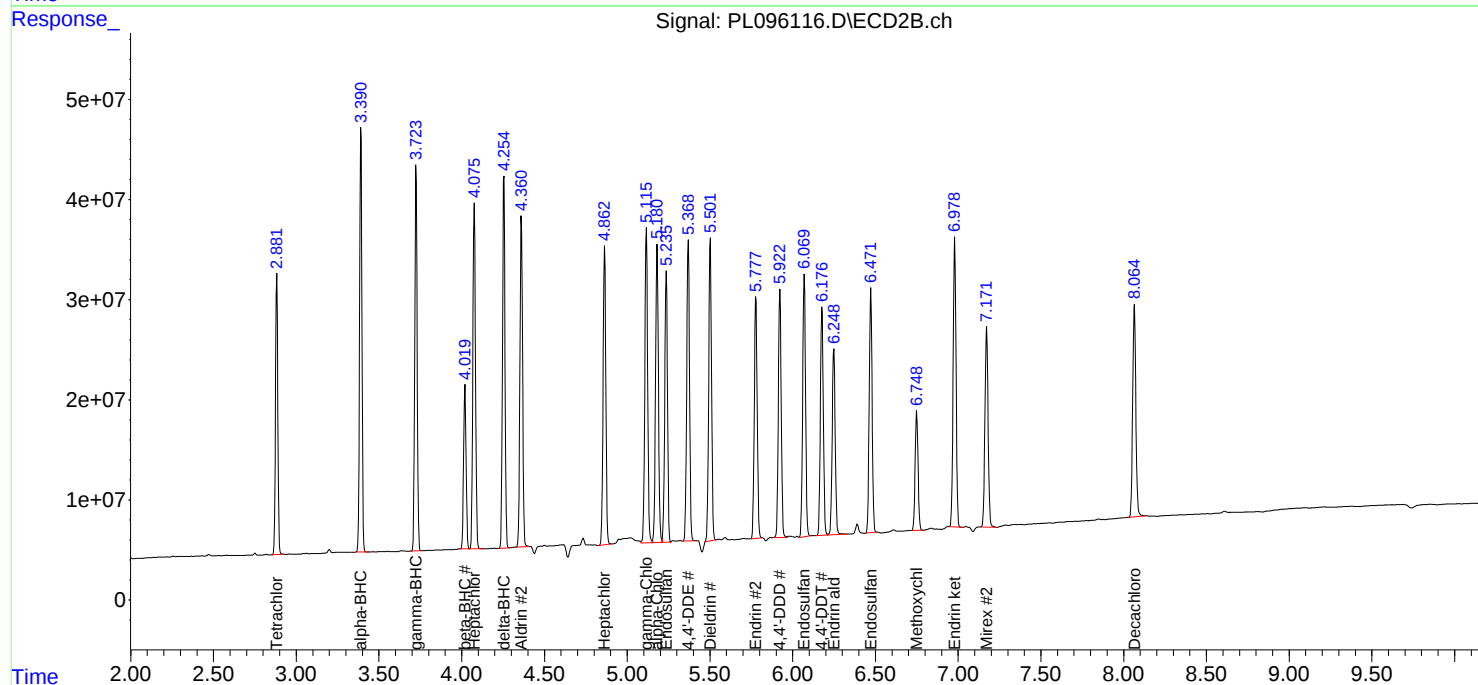
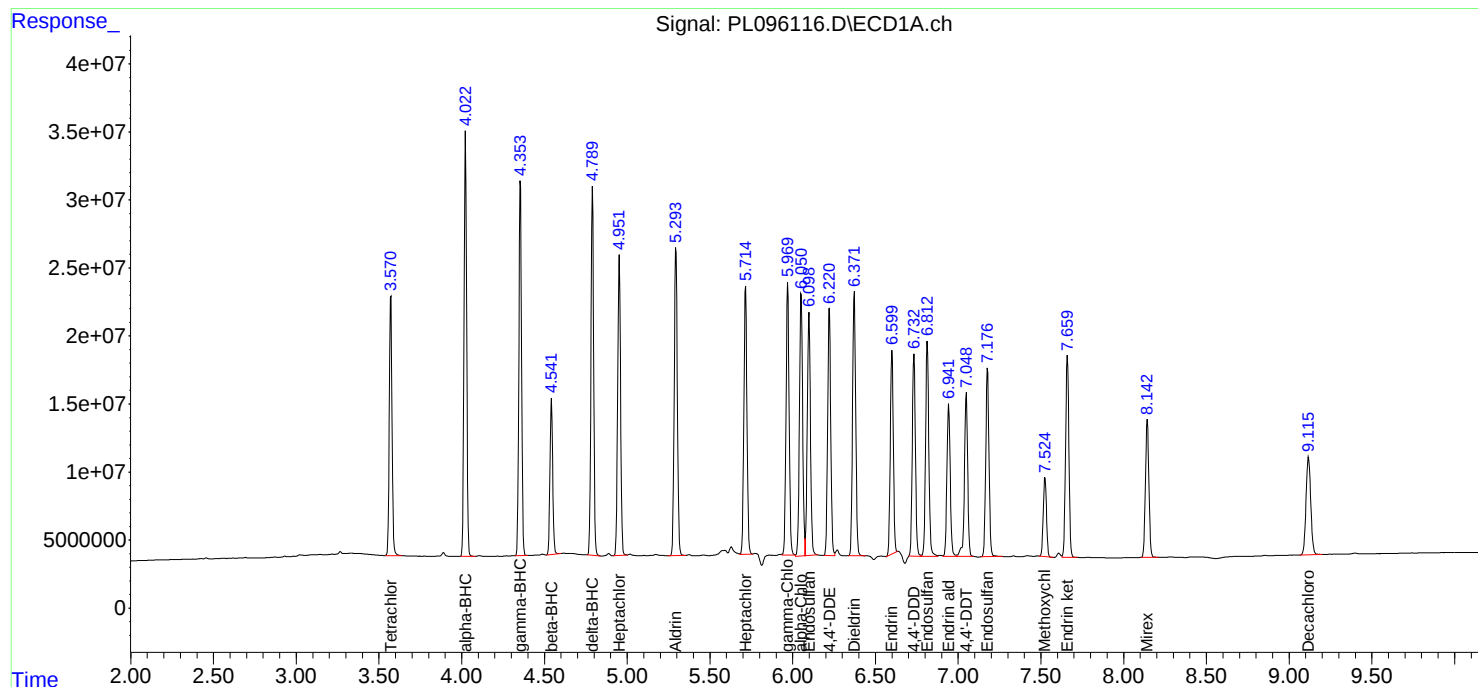
APPROVED

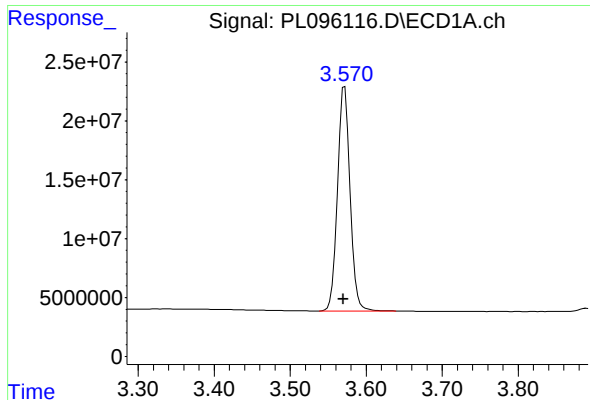
Reviewed By :Abdul Mirza 06/20/2025

Supervised By :mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 22:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 17:11:36 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





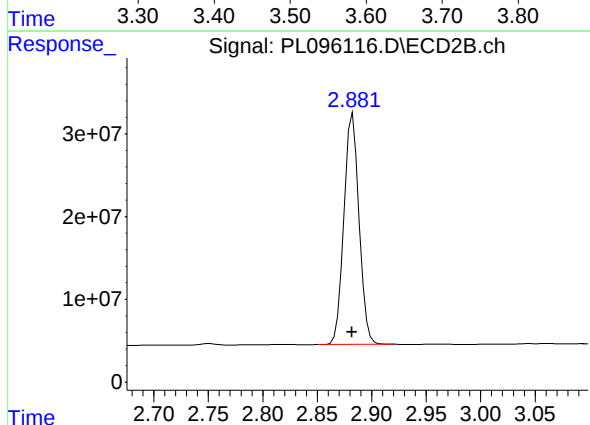
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.002 min
Response: 217274006
Conc: 59.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

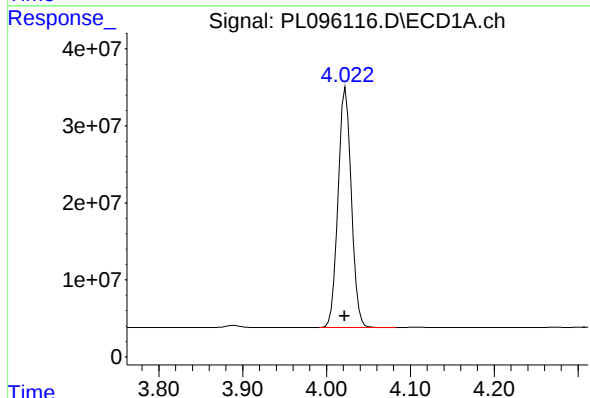
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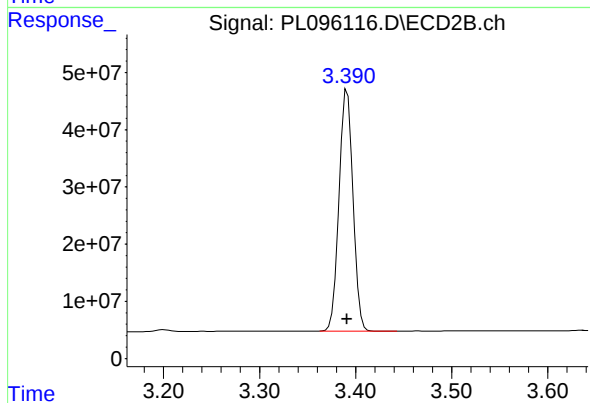
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 268992848
Conc: 56.71 ng/ml



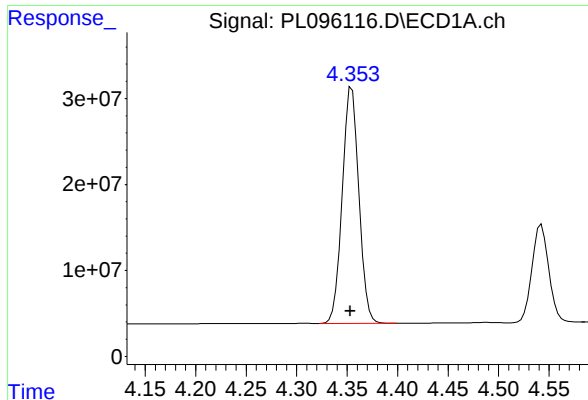
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.001 min
Response: 342862564
Conc: 60.53 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 419751824
Conc: 58.34 ng/ml



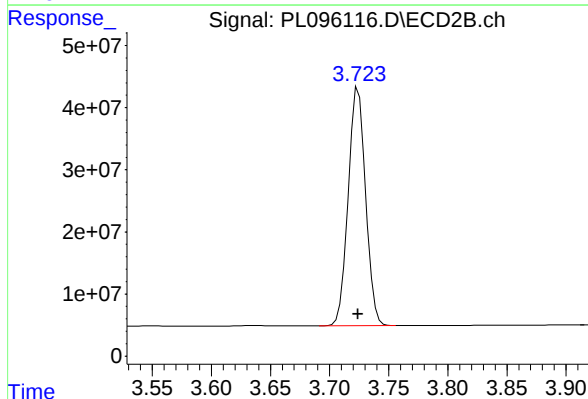
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.002 min
Response: 315060718
Conc: 59.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

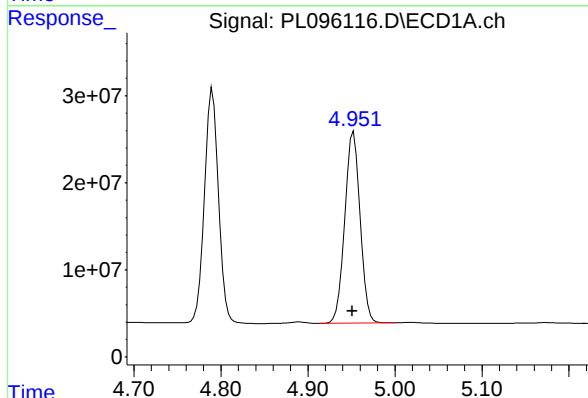
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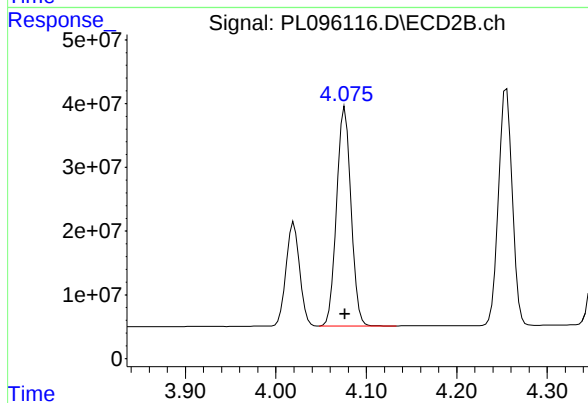
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 391778925
Conc: 57.18 ng/ml



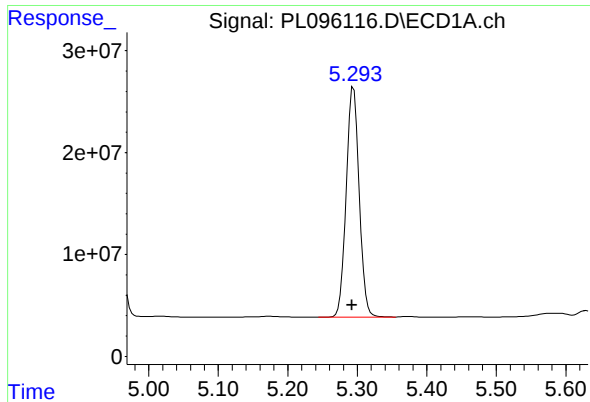
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.002 min
Response: 271369654
Conc: 55.83 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 379941197
Conc: 54.48 ng/ml



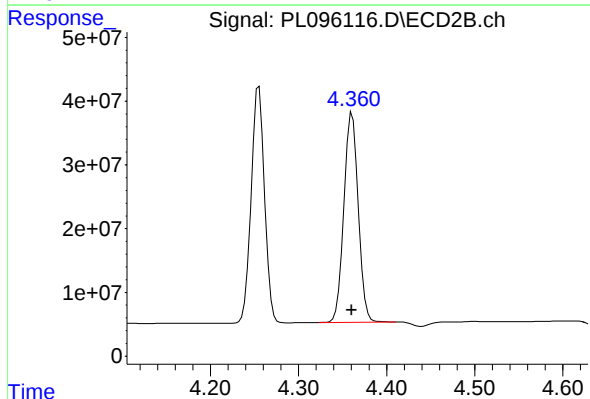
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 292714683
Conc: 57.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

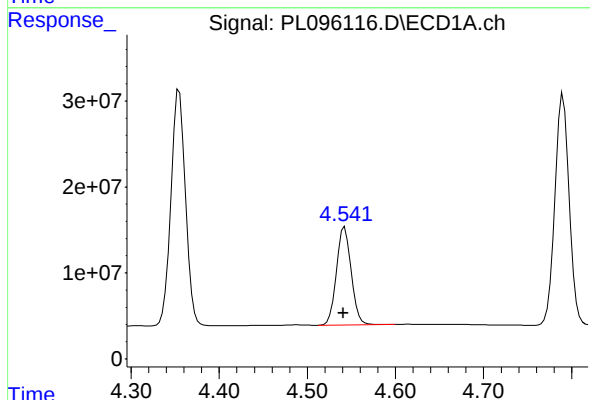
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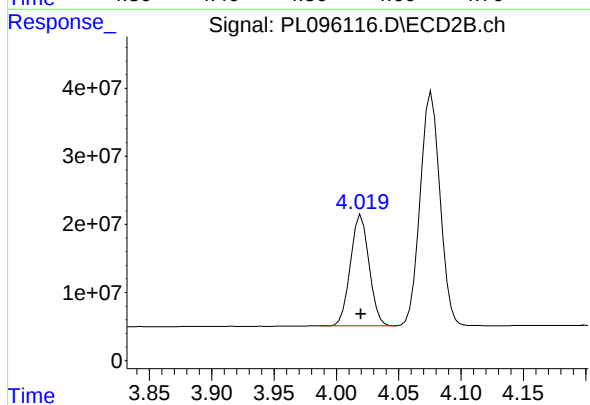
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 372446911
Conc: 56.61 ng/ml



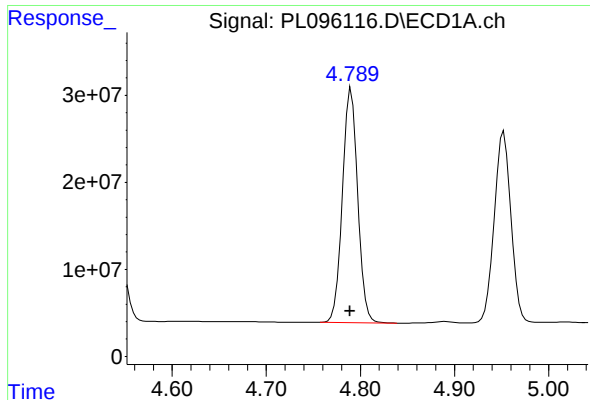
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.001 min
Response: 132724825
Conc: 58.87 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 169216444
Conc: 55.85 ng/ml



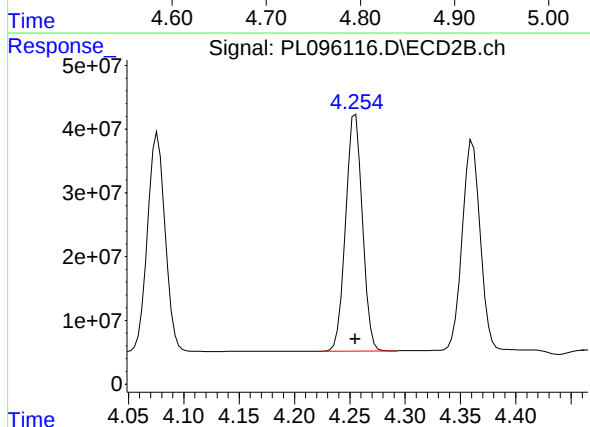
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: 0.001 min
Response: 303989207
Conc: 58.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

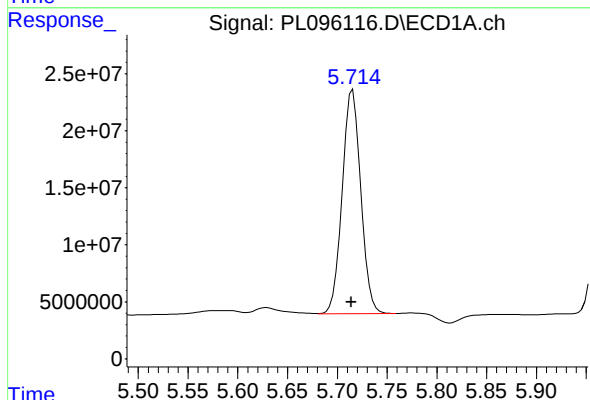
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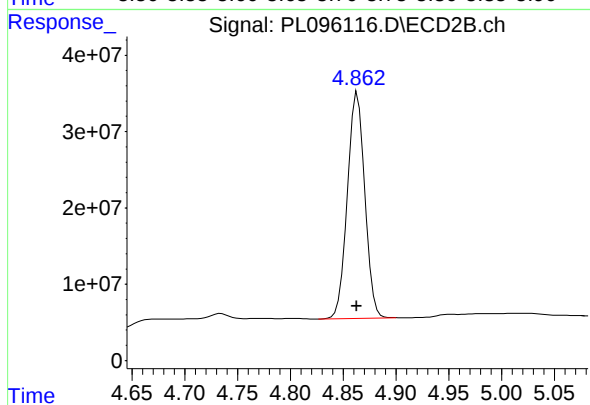
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 392067851
Conc: 57.05 ng/ml



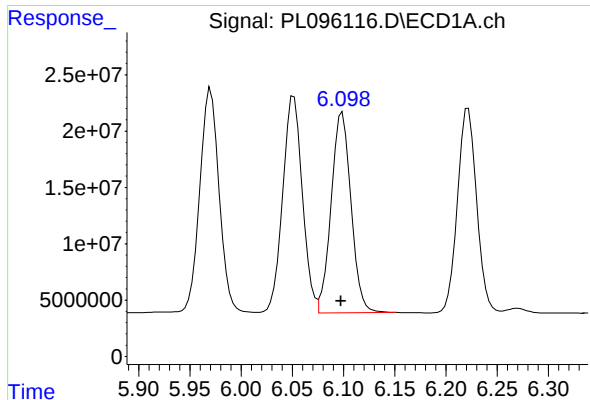
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 255982367
Conc: 56.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 340247163
Conc: 55.18 ng/ml



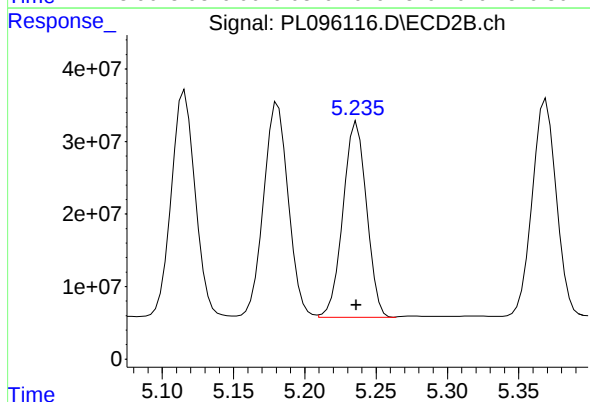
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 239894243
Conc: 55.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

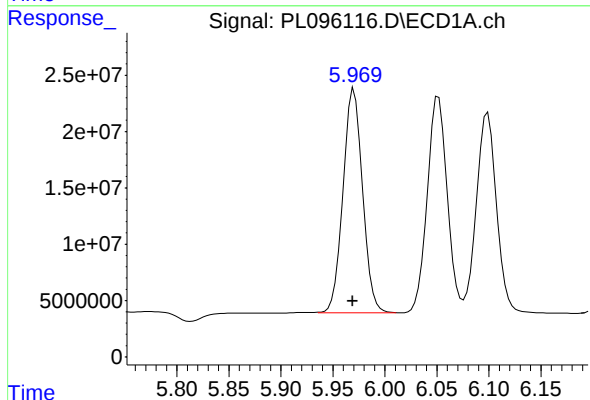
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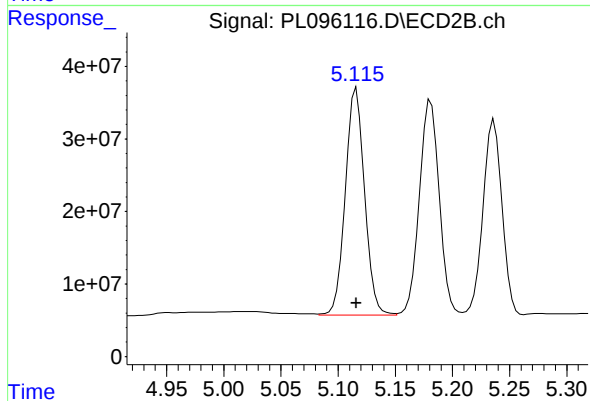
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 310101278
Conc: 48.36 ng/ml



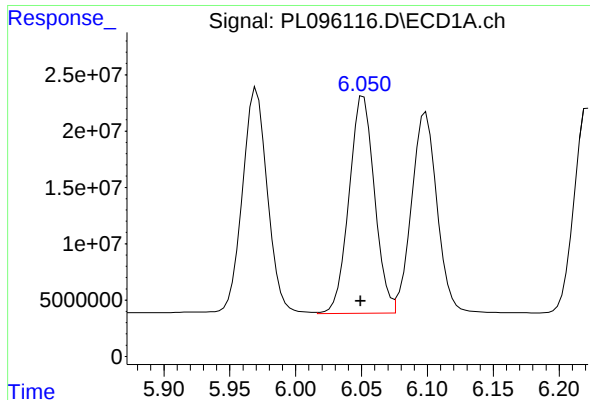
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 260418622
Conc: 55.92 ng/ml m



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 368655845
Conc: 55.42 ng/ml



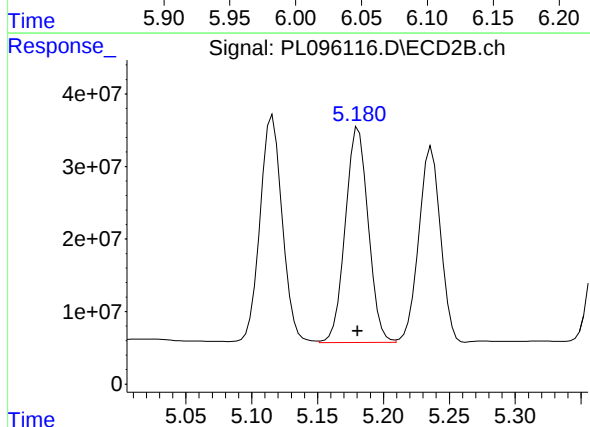
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: 0.002 min
Response: 258817106
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

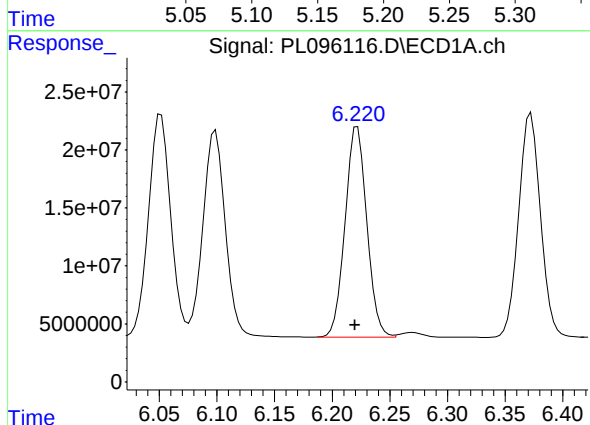
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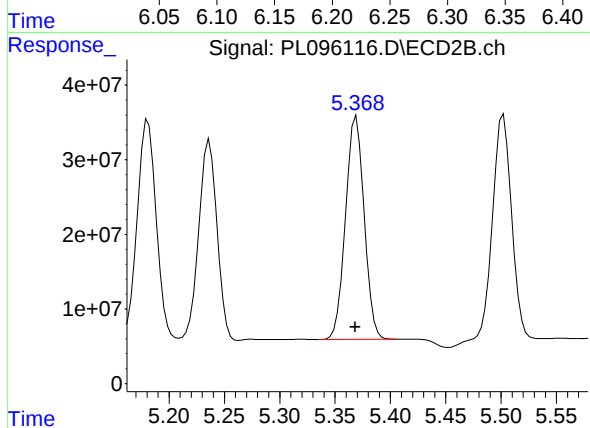
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 358745585
Conc: 52.62 ng/ml



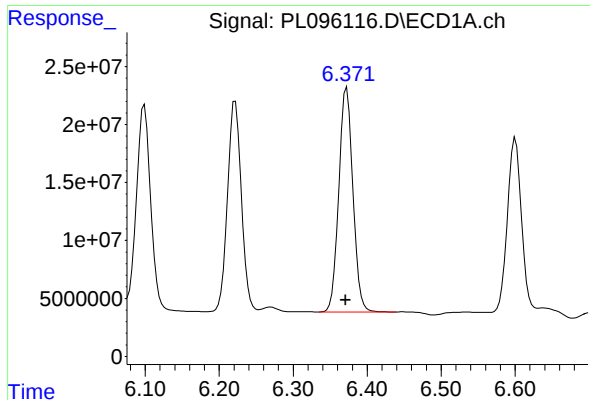
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.002 min
Response: 236658464
Conc: 54.65 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 351814884
Conc: 53.63 ng/ml m



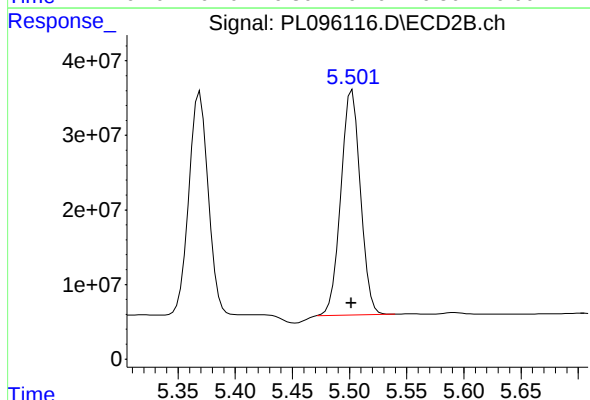
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: 0.001 min
Response: 255587829
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

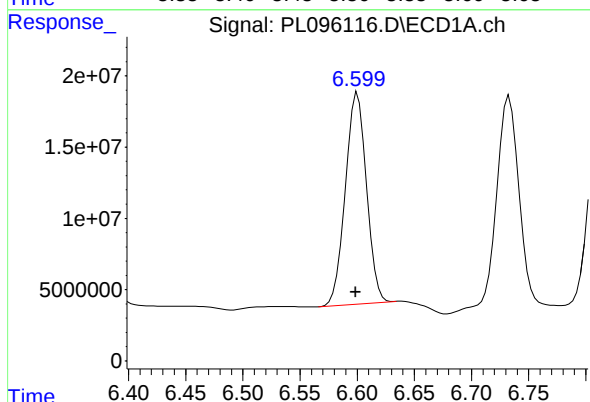
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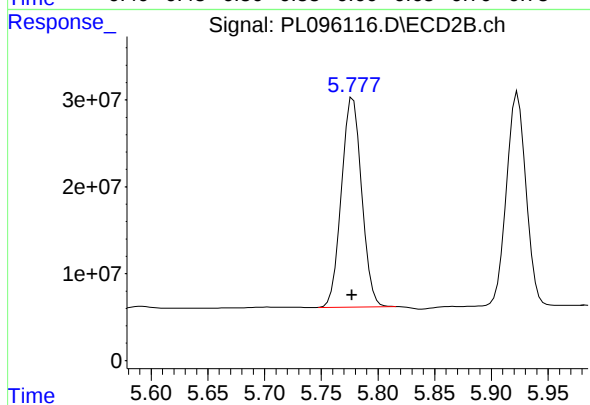
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 359894248
Conc: 54.85 ng/ml



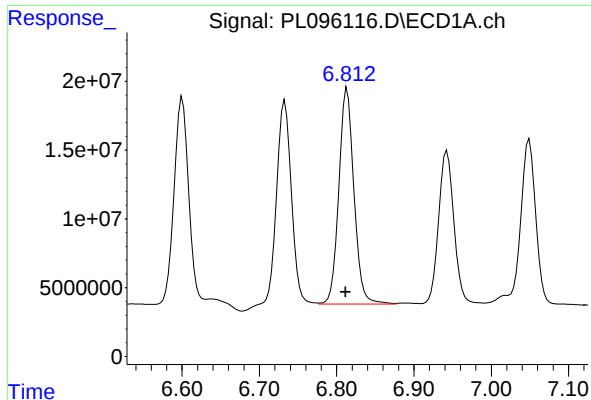
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.002 min
Response: 192431865
Conc: 50.63 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 298564158
Conc: 50.30 ng/ml



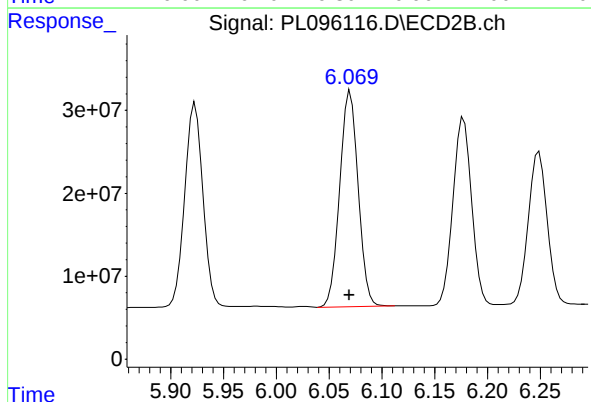
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 212637799
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

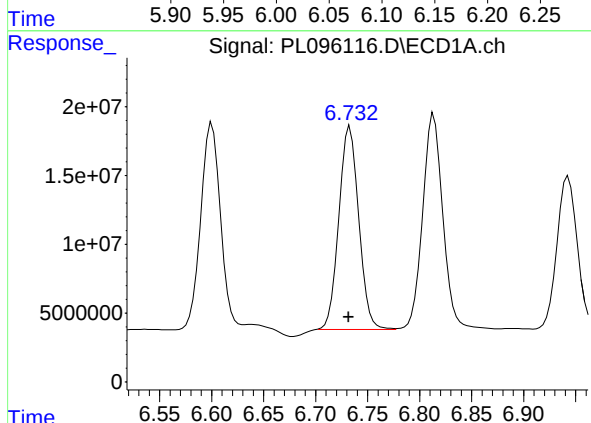
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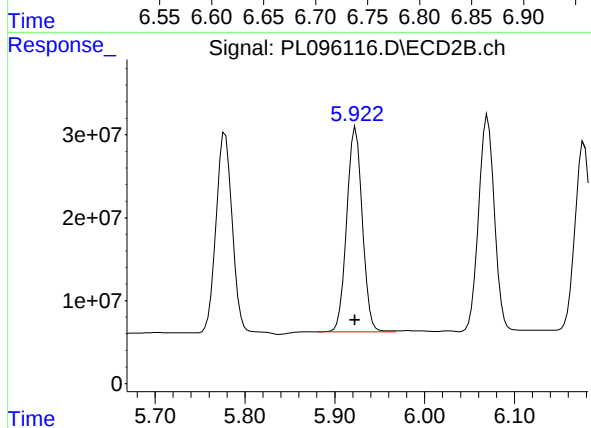
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 316198547
Conc: 53.18 ng/ml



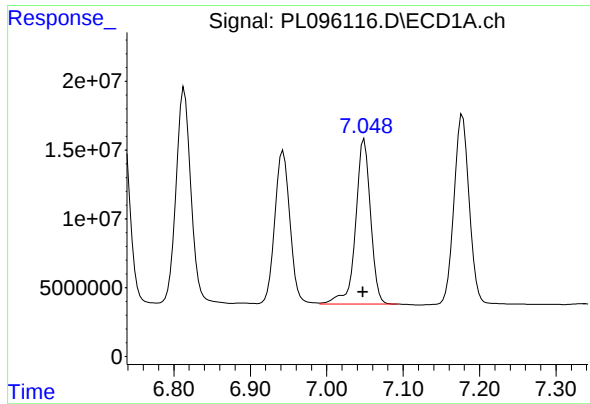
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.001 min
Response: 196664255
Conc: 56.38 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 297013994
Conc: 53.99 ng/ml



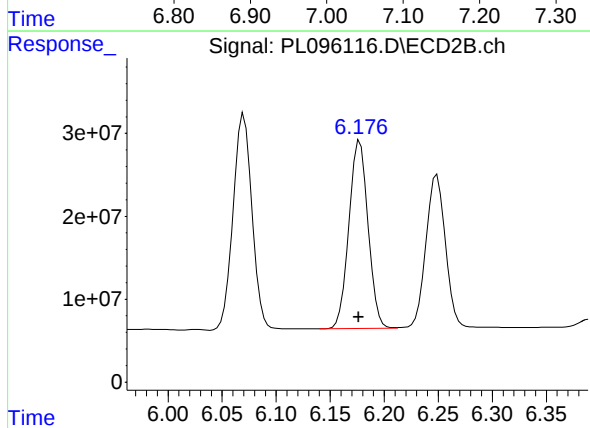
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.002 min
Response: 165419711
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

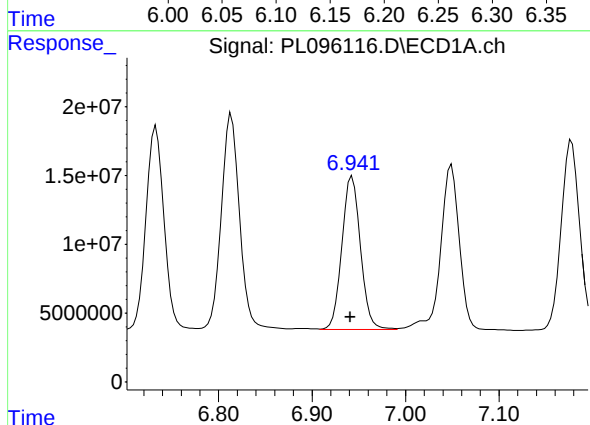
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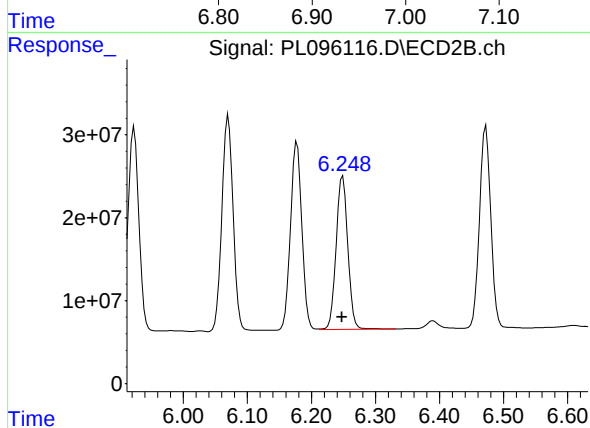
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 279414402
Conc: 46.57 ng/ml



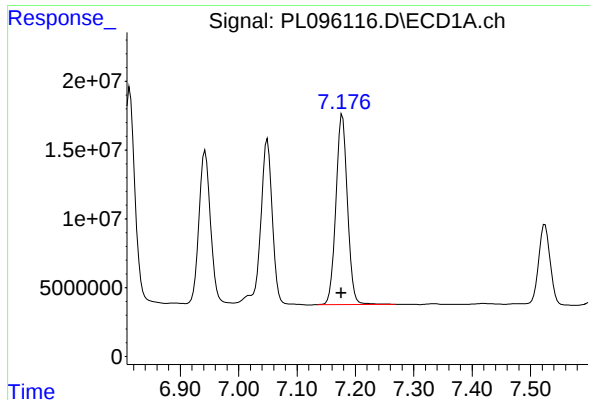
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 153878404
Conc: 54.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.001 min
Response: 233344208
Conc: 52.01 ng/ml



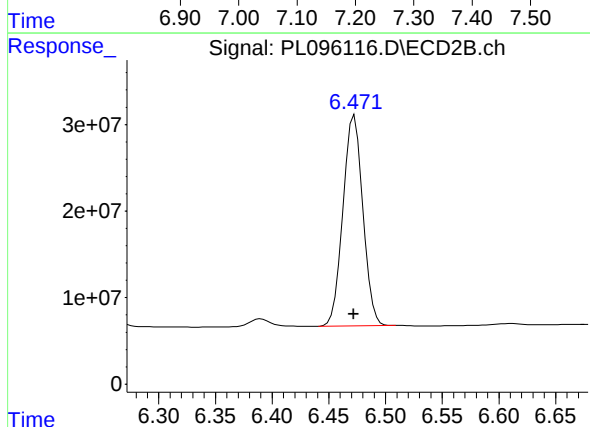
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 190499548
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

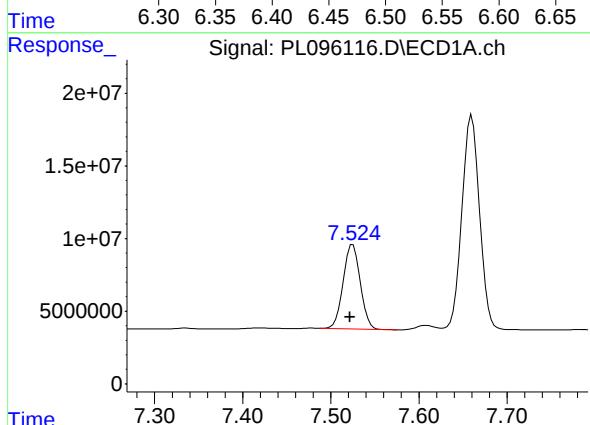
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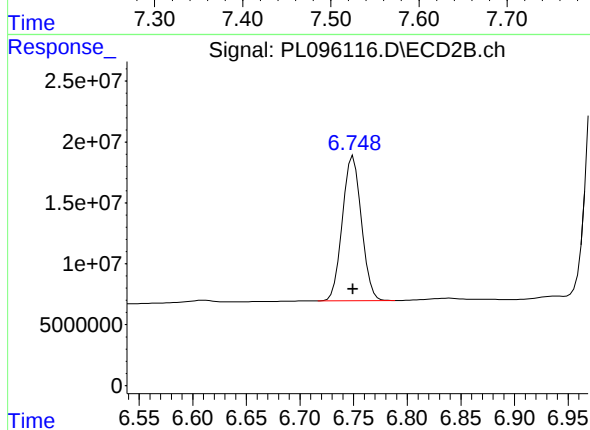
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 297096537
Conc: 52.26 ng/ml



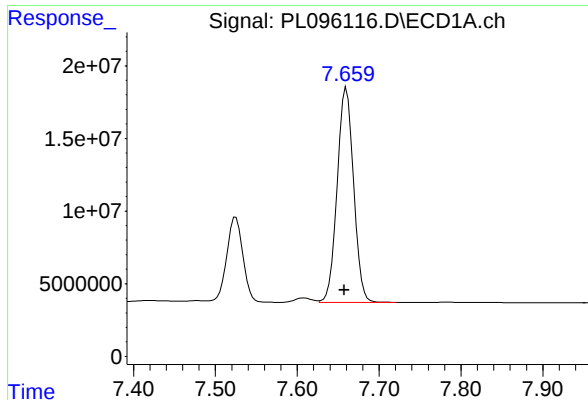
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.003 min
Response: 78322769
Conc: 43.99 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 146815338
Conc: 44.75 ng/ml



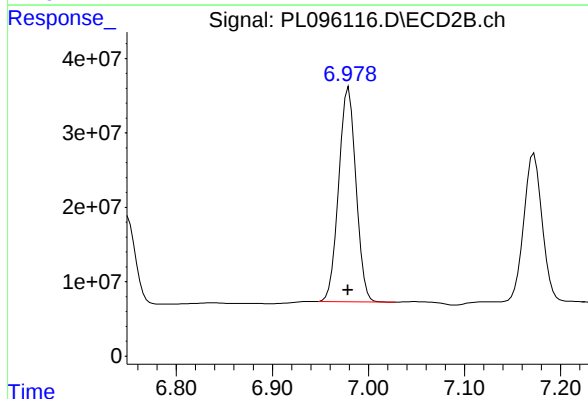
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.002 min
Response: 206423886
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

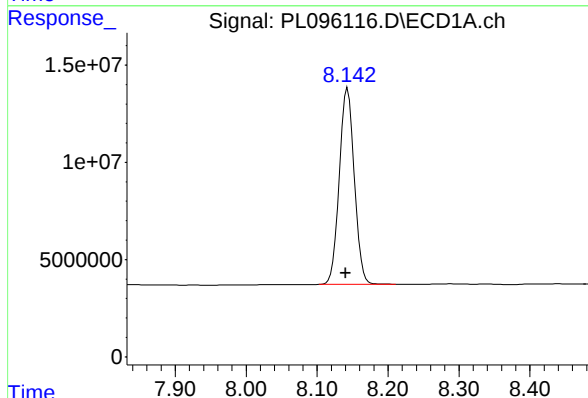
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2025
Supervised By :mohammad ahmed 06/23/2025



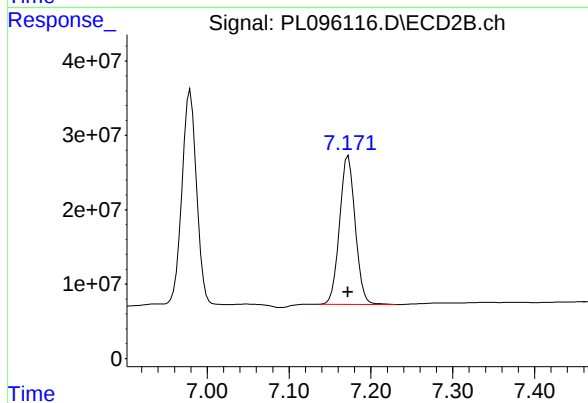
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 355311280
Conc: 53.54 ng/ml



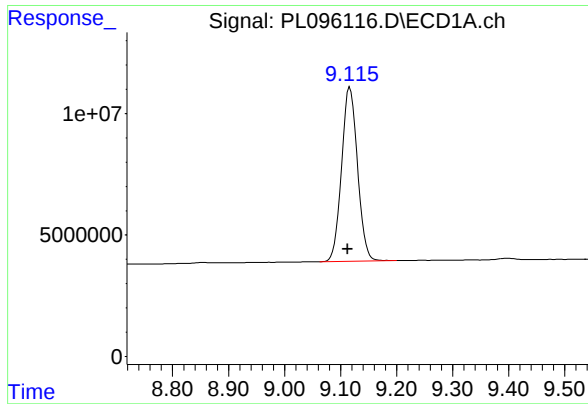
#22 Mirex

R.T.: 8.143 min
Delta R.T.: 0.003 min
Response: 148304683
Conc: 50.06 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 265603944
Conc: 47.56 ng/ml



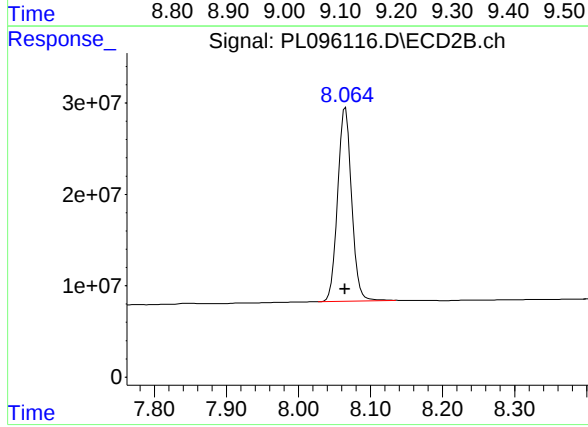
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.004 min
Response: 141834507
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 283155658
Conc: 46.98 ng/ml