

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 17:29
 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 23:03:37 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...	3.536	2.827	190.3E6	270.5E6	52.139	46.867
28)	SA Decachlor...	9.021	7.995	144.2E6	233.4E6	51.273	46.799
Target Compounds							
2)	A alpha-BHC	3.984	3.333	275.3E6	402.9E6	53.528	47.768
3)	MA gamma-BHC...	4.312	3.665	266.1E6	373.7E6	53.444	47.449
4)	MA Heptachlor	4.905	4.015	247.6E6	355.8E6	54.045	46.770
5)	MB Aldrin	5.243	4.297	253.3E6	348.0E6	52.413m	47.705
6)	B beta-BHC	4.498	3.961	110.5E6	160.6E6	53.164	46.893
7)	B delta-BHC	4.744	4.194	243.3E6	366.1E6	54.297	47.537
8)	B Heptachlo...	5.664	4.800	237.7E6	312.1E6	57.293	46.681
9)	A Endosulfan I	6.046	5.171	210.3E6	291.9E6	52.091	40.684
10)	B gamma-Chl...	5.918	5.052	232.0E6	329.7E6	52.426	46.969
11)	B alpha-Chl...	5.999	5.116	228.3E6	323.9E6	52.144	43.071
12)	B 4,4'-DDE	6.168	5.305	191.9E6	305.1E6	51.759	47.202
13)	MA Dieldrin	6.318	5.436	220.5E6	321.6E6	52.148	47.167
14)	MA Endrin	6.544	5.711	164.1E6	270.2E6	52.769	44.324
15)	B Endosulfa...	6.757	6.003	189.7E6	275.0E6	54.663	46.901
16)	A 4,4'-DDD	6.677	5.858	161.7E6	263.6E6	55.527	51.400
17)	MA 4,4'-DDT	6.992	6.111	155.2E6	247.8E6	51.133	43.204
18)	B Endrin al...	6.885	6.181	132.4E6	205.5E6	59.244m	46.128
19)	B Endosulfa...	7.120	6.404	164.3E6	263.8E6	53.700	46.902
20)	A Methoxychlor	7.464	6.683	77090982	131.2E6	48.934	43.198
21)	B Endrin ke...	7.599	6.909	178.3E6	306.8E6	53.998	49.077
22)	Mirex	8.080	7.100	141.2E6	229.5E6	50.765	46.194

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

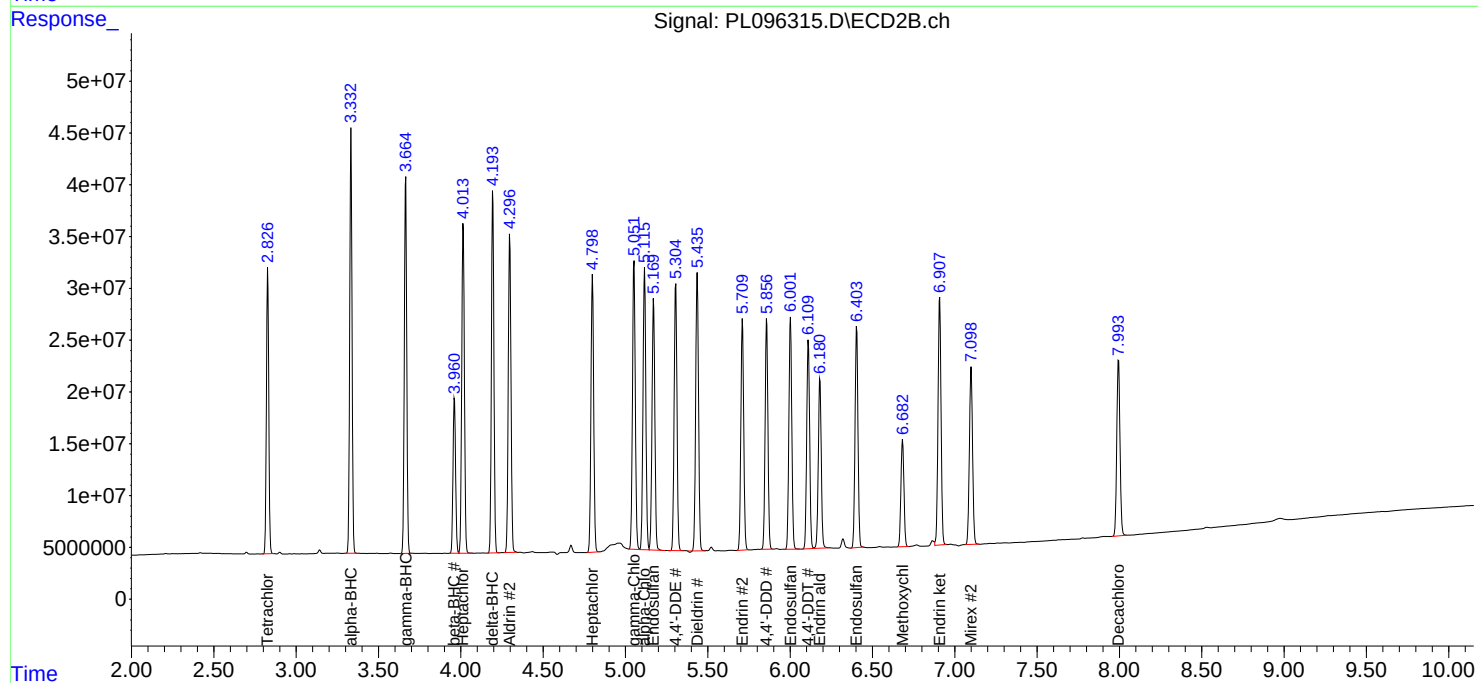
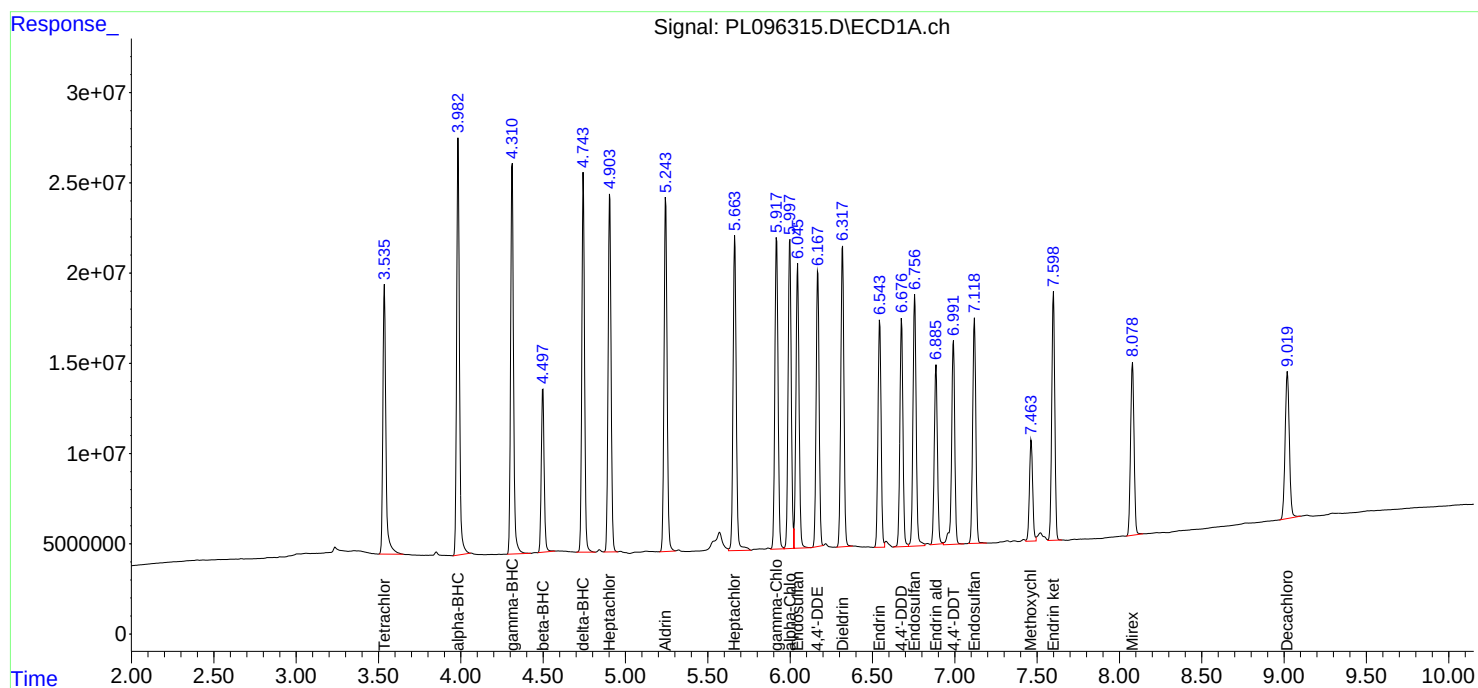
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

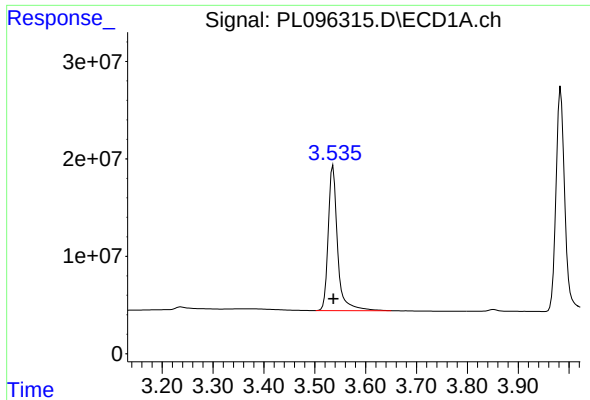
Manual Integrations
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Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:37 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





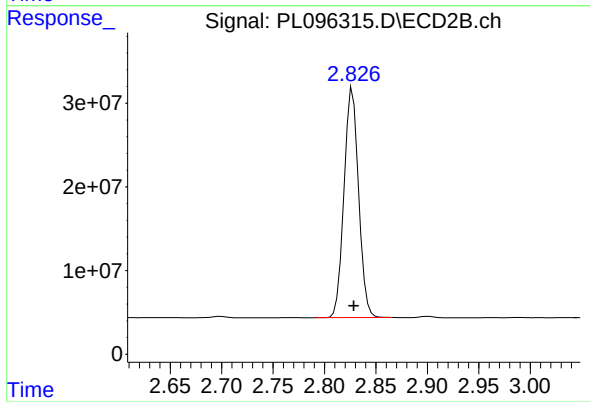
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 190255613
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

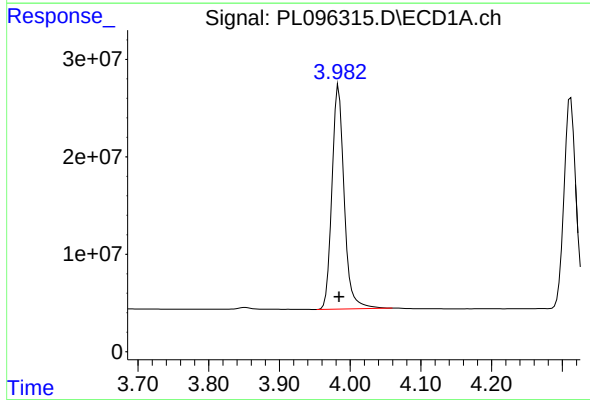
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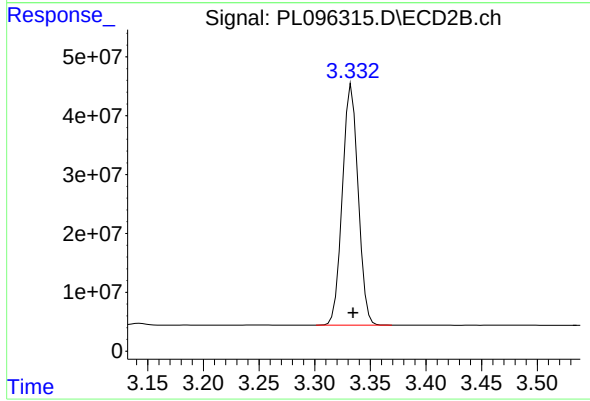
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 270480847
Conc: 46.87 ng/ml



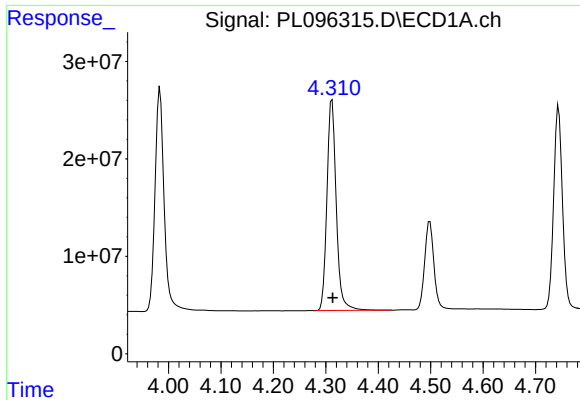
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 275302368
Conc: 53.53 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 402889797
Conc: 47.77 ng/ml



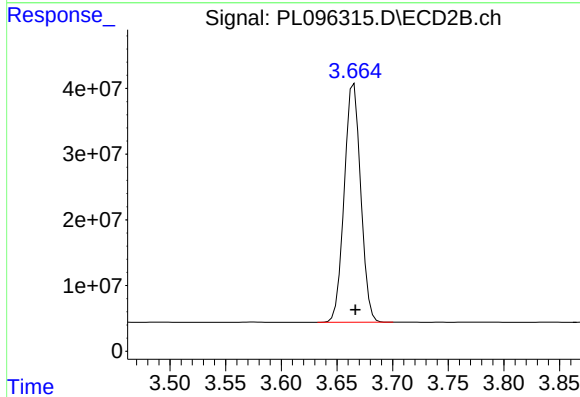
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 266134622
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

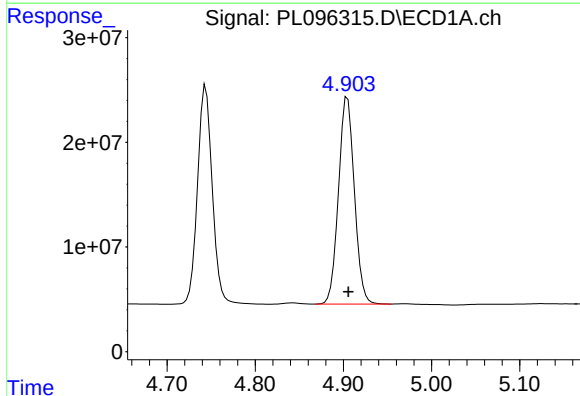
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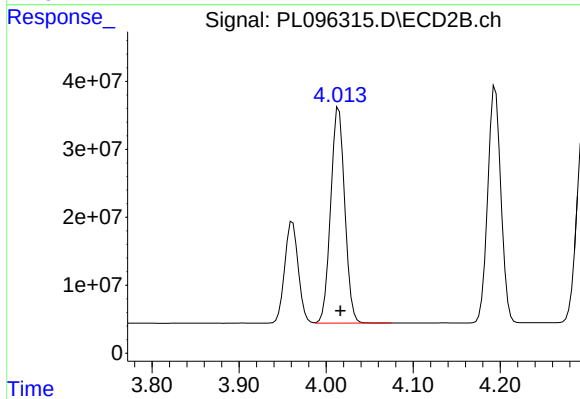
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 373699672
Conc: 47.45 ng/ml



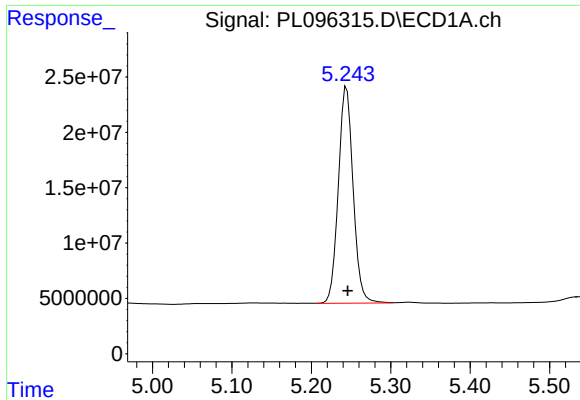
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 247593818
Conc: 54.05 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 355812749
Conc: 46.77 ng/ml



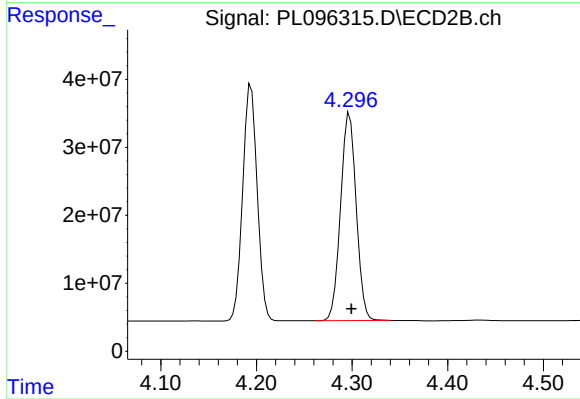
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 253348473
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

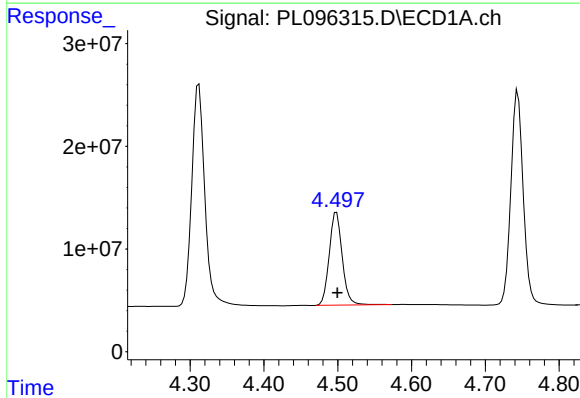
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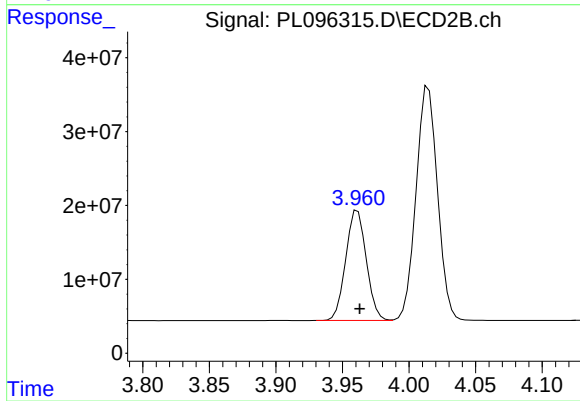
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 348035051
Conc: 47.70 ng/ml



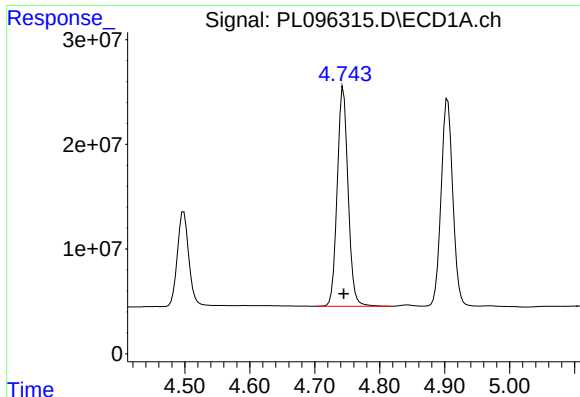
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 110516393
Conc: 53.16 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 160558330
Conc: 46.89 ng/ml



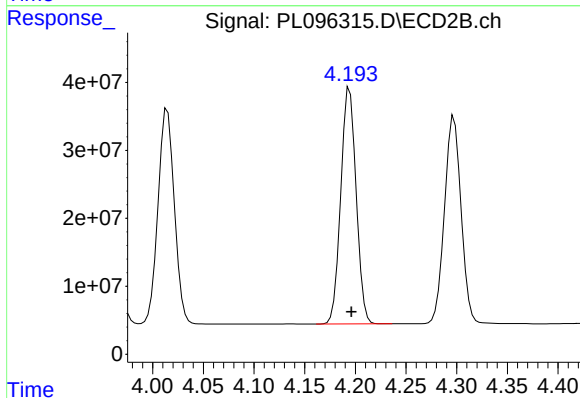
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 243324416
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

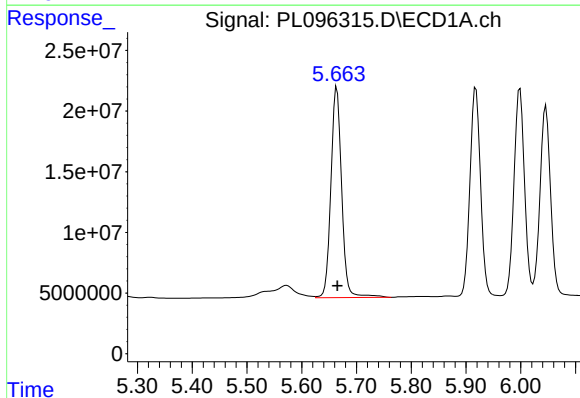
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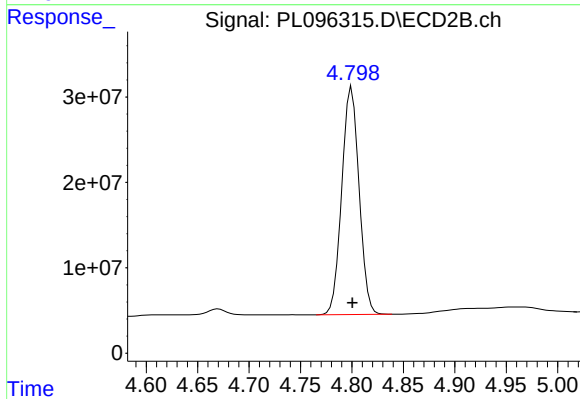
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 366121903
Conc: 47.54 ng/ml



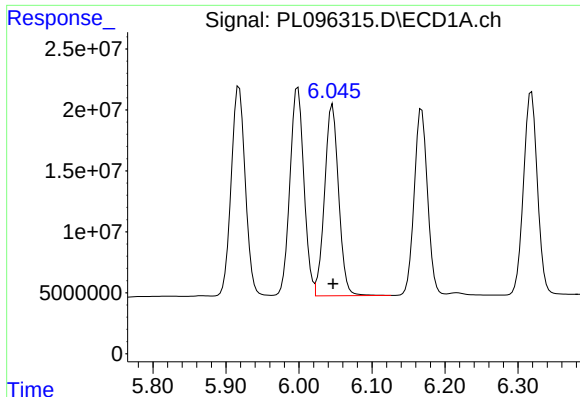
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 237719467
Conc: 57.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 312060297
Conc: 46.68 ng/ml



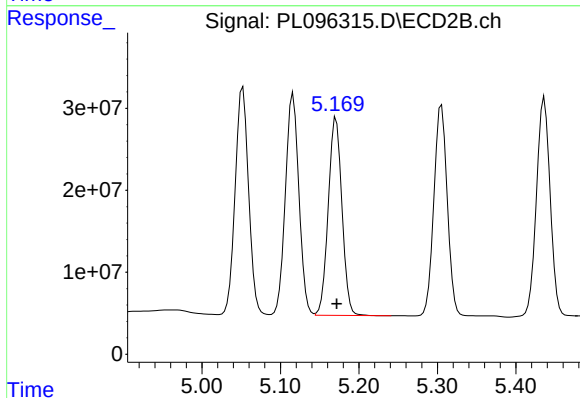
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 210304414
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

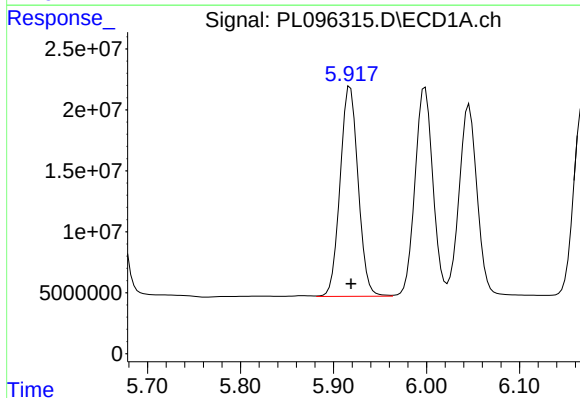
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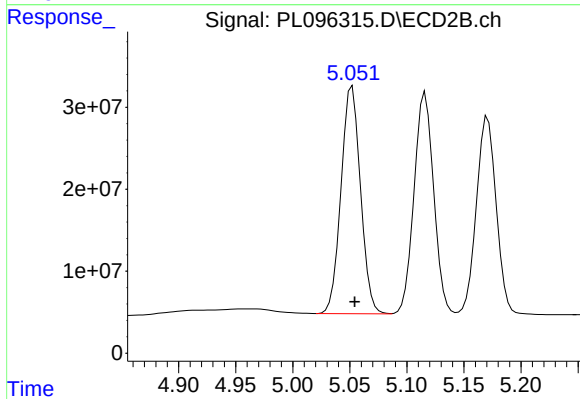
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 291873506
Conc: 40.68 ng/ml



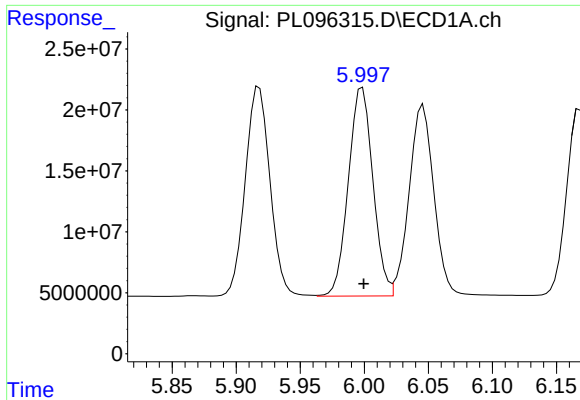
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 231976634
Conc: 52.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 329705701
Conc: 46.97 ng/ml



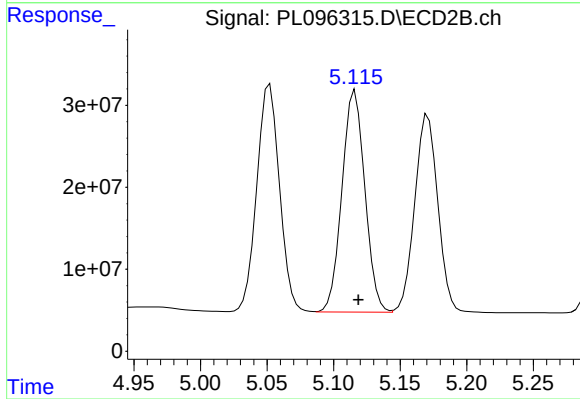
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 228329356
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

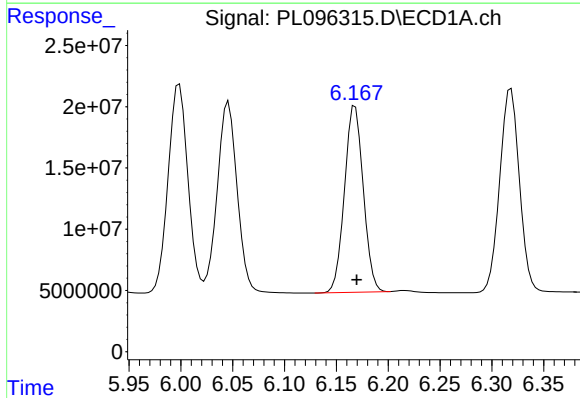
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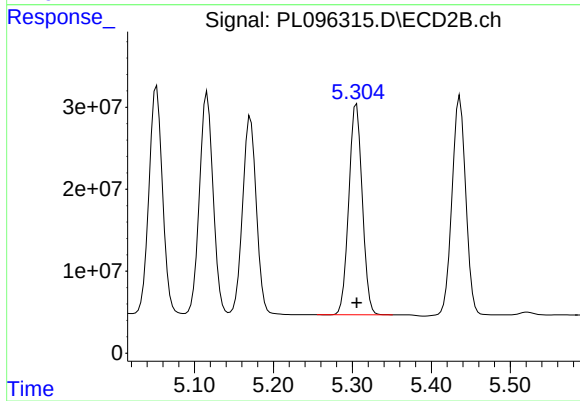
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 323901153
Conc: 43.07 ng/ml



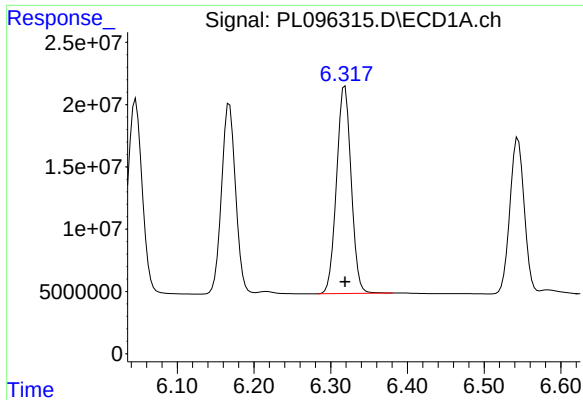
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 191895162
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 305097025
Conc: 47.20 ng/ml



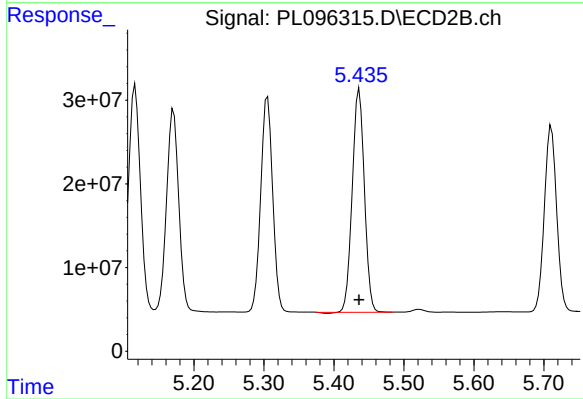
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 220501951
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

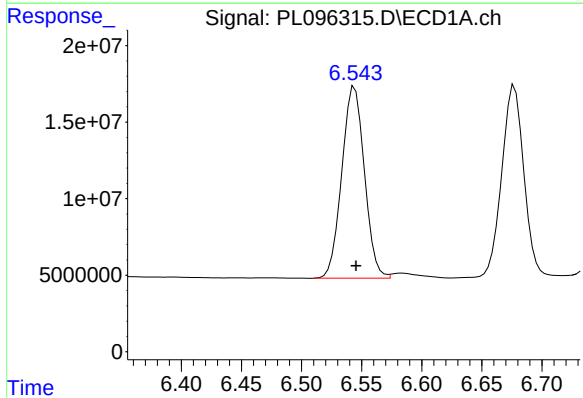
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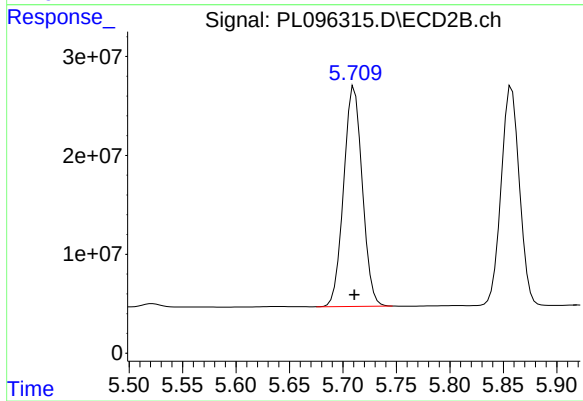
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 321645133
Conc: 47.17 ng/ml



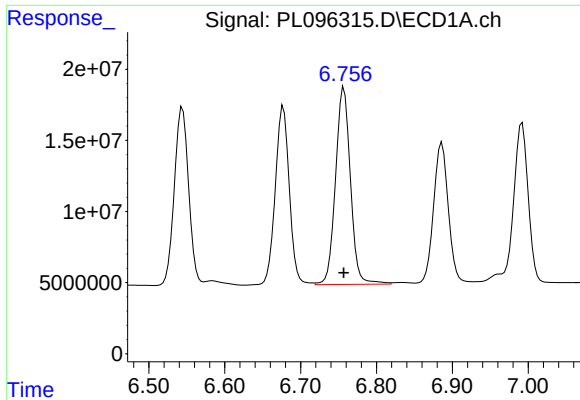
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 164123934
Conc: 52.77 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 270223963
Conc: 44.32 ng/ml



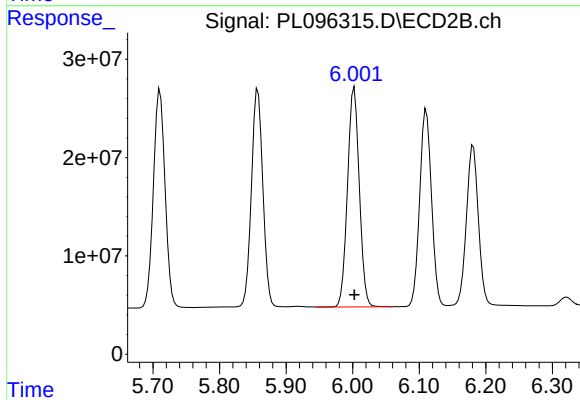
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 189684394
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

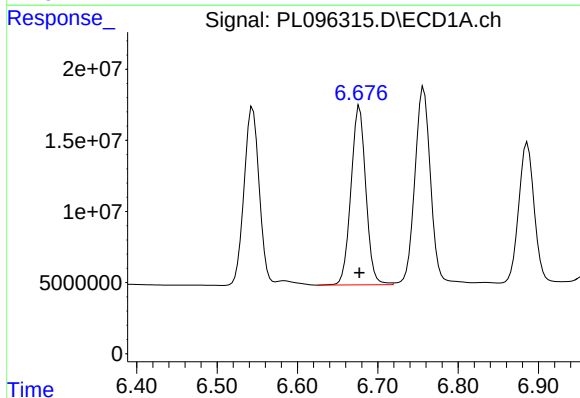
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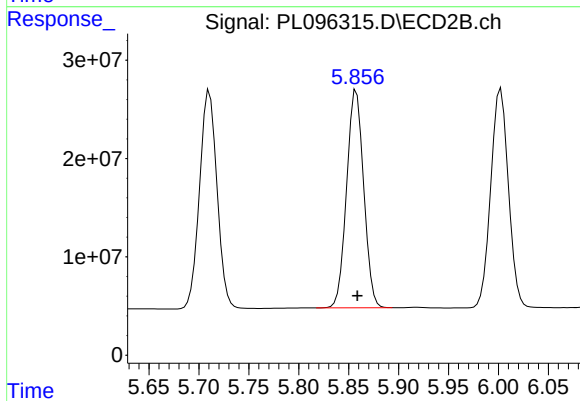
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 275022150
Conc: 46.90 ng/ml



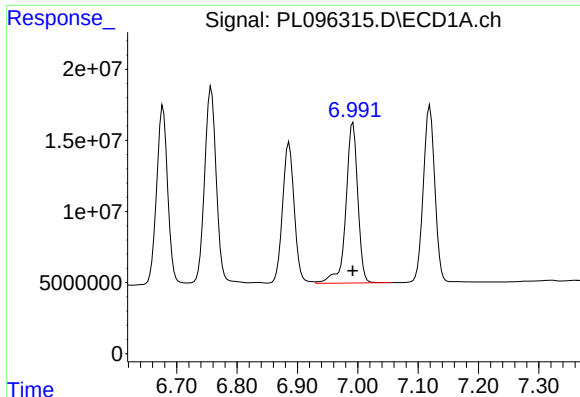
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 161677710
Conc: 55.53 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 263616072
Conc: 51.40 ng/ml



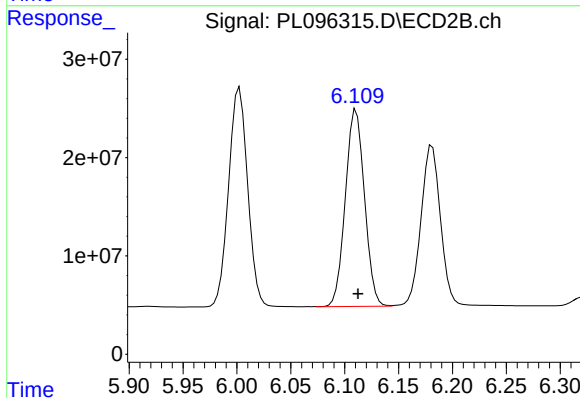
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 155200286
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

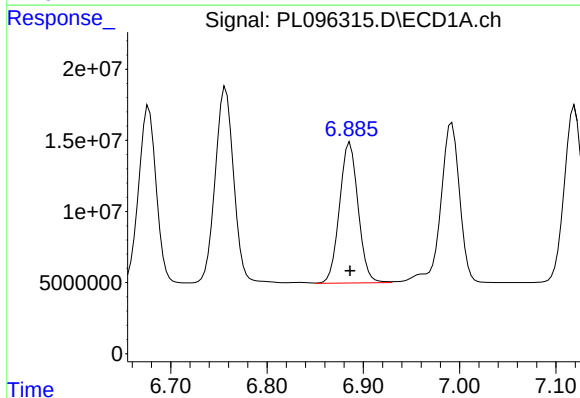
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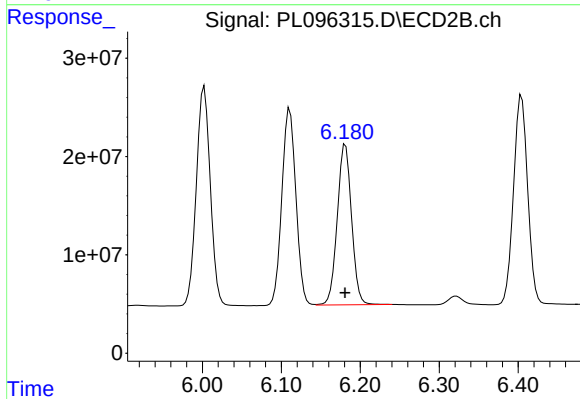
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 247778955
Conc: 43.20 ng/ml



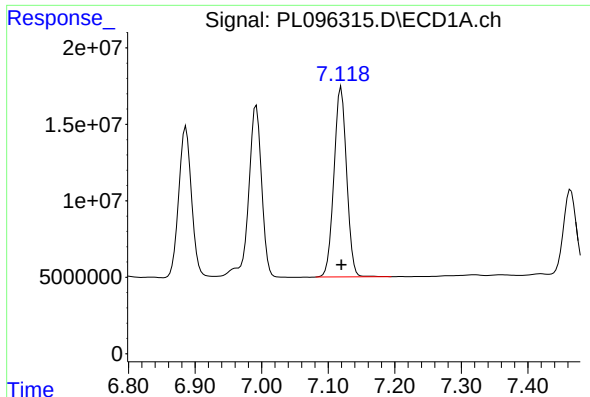
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 132442382
Conc: 59.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 205481707
Conc: 46.13 ng/ml



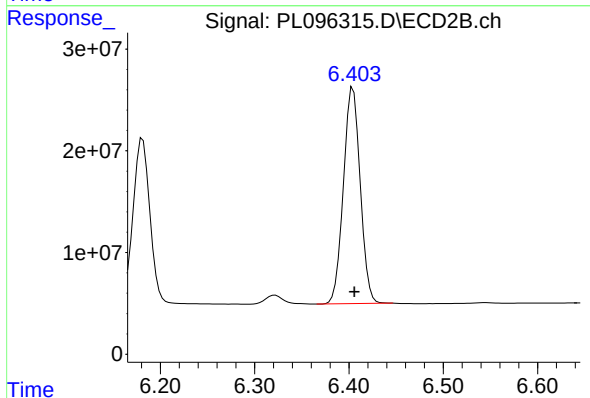
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 164258882
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

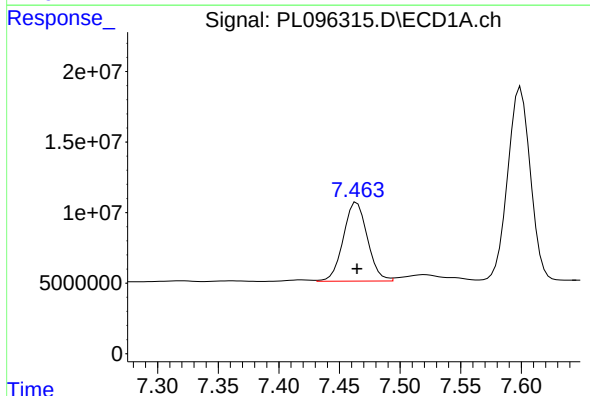
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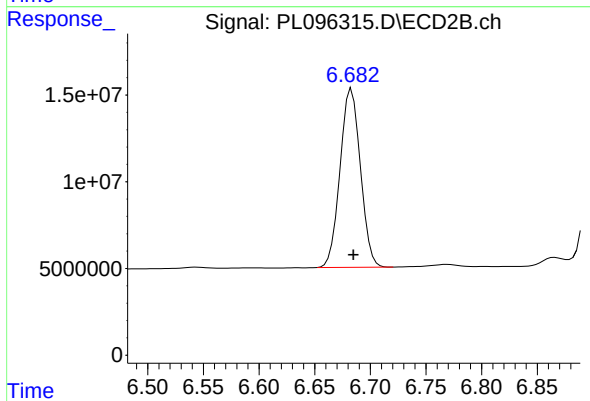
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 263796441
Conc: 46.90 ng/ml



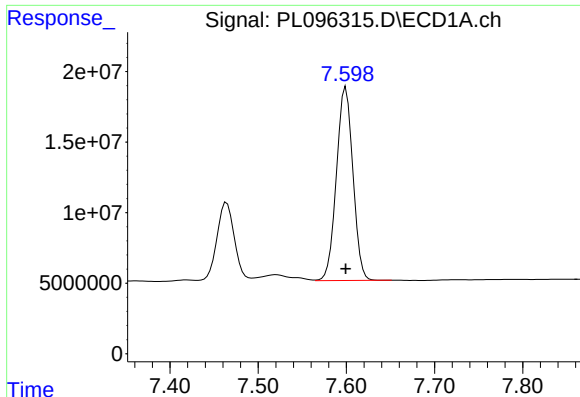
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 77090982
Conc: 48.93 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 131224715
Conc: 43.20 ng/ml



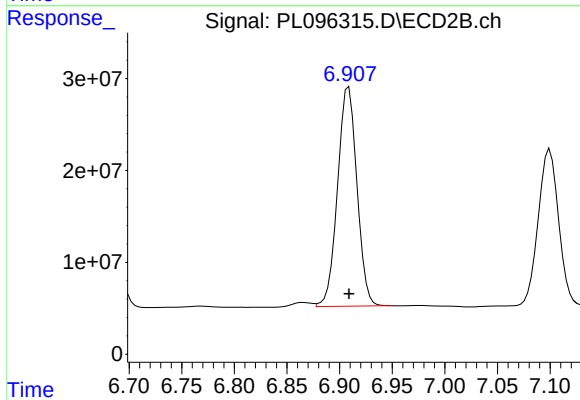
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 178282094
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

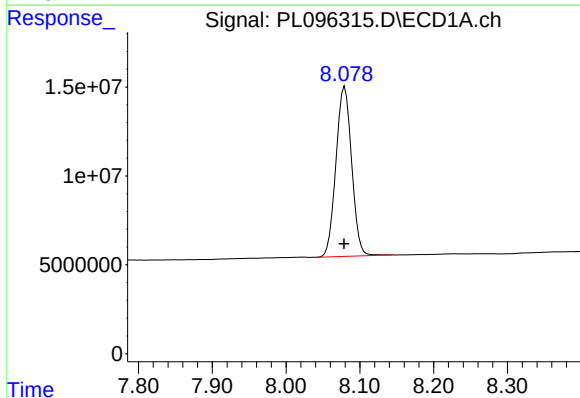
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APPROVED

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



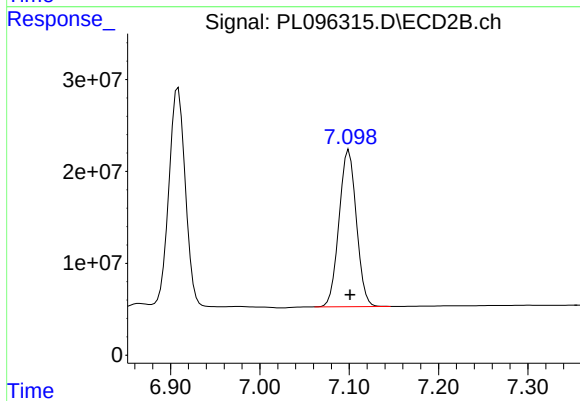
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 306843417
Conc: 49.08 ng/ml



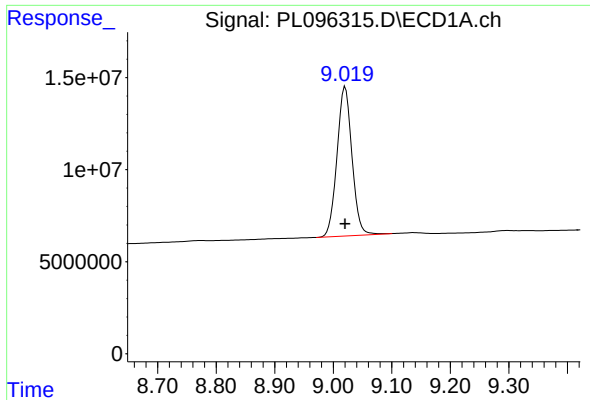
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 141240024
Conc: 50.77 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 229501877
Conc: 46.19 ng/ml



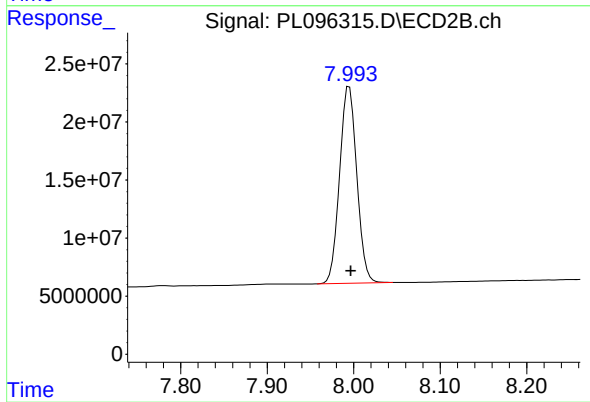
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 144234449
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 233364072
Conc: 46.80 ng/ml