

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
 Data File : PL096343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 15:54
 Operator : AR\AJ
 Sample : Q2489-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 G4(0-6)MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:49:54 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	78688085	106.8E6	21.564	18.508
28)	SA Decachlor...	9.018	7.994	65963011	104.3E6	23.449	20.914
Target Compounds							
2)	A alpha-BHC	3.984	3.333	308.8E6	436.5E6	60.041	51.750
3)	MA gamma-BHC...	4.311	3.665	295.9E6	405.8E6	59.423m	51.523
4)	MA Heptachlor	4.905	4.015	269.4E6	368.1E6	58.806	48.380
5)	MB Aldrin	5.243	4.296	263.5E6	349.2E6	54.512m	47.868m
6)	B beta-BHC	4.498	3.961	122.2E6	169.0E6	58.784	49.368
7)	B delta-BHC	4.744	4.195	273.5E6	397.4E6	61.038	51.602
8)	B Heptachlo...	5.662	4.800	275.1E6	334.4E6	66.314m	50.018
9)	A Endosulfan I	6.044	5.171	240.1E6	316.8E6	59.473m	44.154 #
10)	B gamma-Chl...	5.916	5.051	250.2E6	354.7E6	56.541m	50.532m
11)	B alpha-Chl...	5.997	5.115	253.6E6	353.7E6	57.923m	47.033m
12)	B 4,4'-DDE	6.167	5.305	214.3E6	325.7E6	57.796m	50.388
13)	MA Dieldrin	6.318	5.435	252.2E6	365.3E6	59.634	53.573m
14)	MA Endrin	6.543	5.711	206.5E6	345.8E6	66.386m	56.726
15)	B Endosulfa...	6.756	6.002	205.6E6	298.1E6	59.263m	50.841
16)	A 4,4'-DDD	6.675	5.858	176.0E6	276.7E6	60.450m	53.951
17)	MA 4,4'-DDT	6.990	6.110	177.5E6	291.8E6	58.496m	50.886
18)	B Endrin al...	6.884	6.180	151.9E6	235.2E6	67.928m	52.799
19)	B Endosulfa...	7.118	6.404	186.8E6	289.1E6	61.075	51.400
20)	A Methoxychlor	7.462	6.683	101.7E6	159.3E6	64.554m	52.432
21)	B Endrin ke...	7.598	6.906	195.9E6	530.0E6	59.341	84.767m#
22)	Mirex	8.079	7.099	164.5E6	248.1E6	59.124	49.935

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:54
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

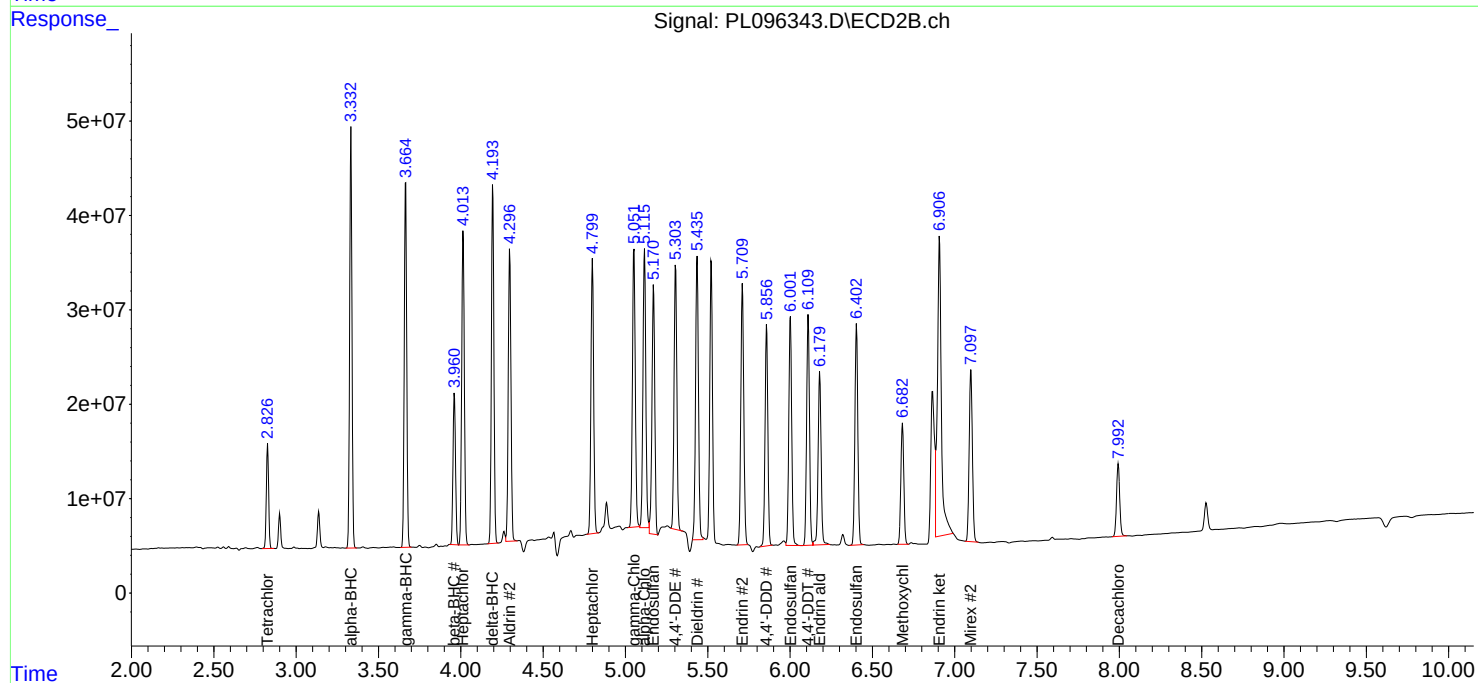
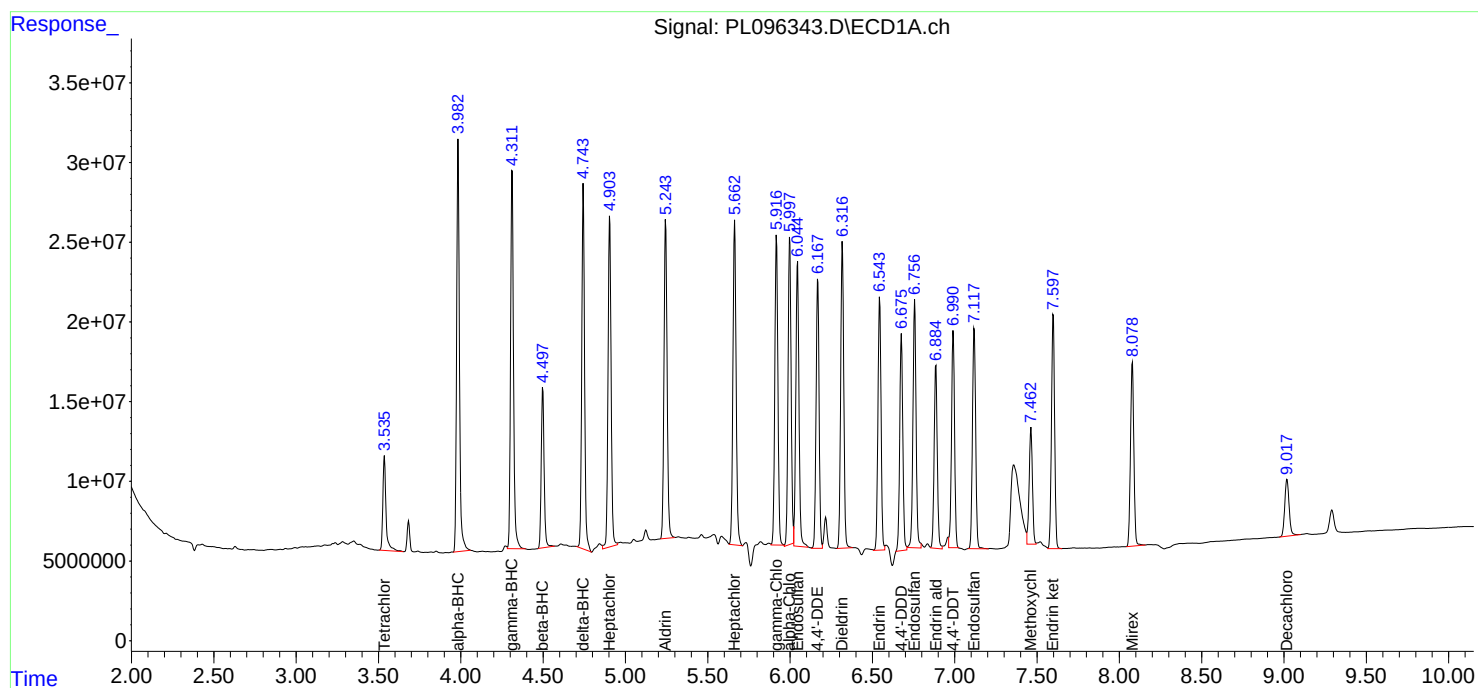
Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

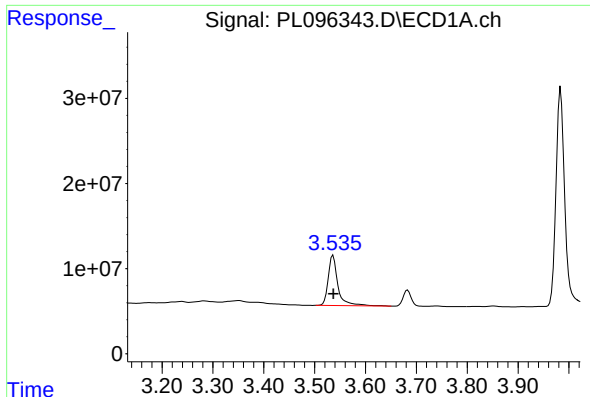
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





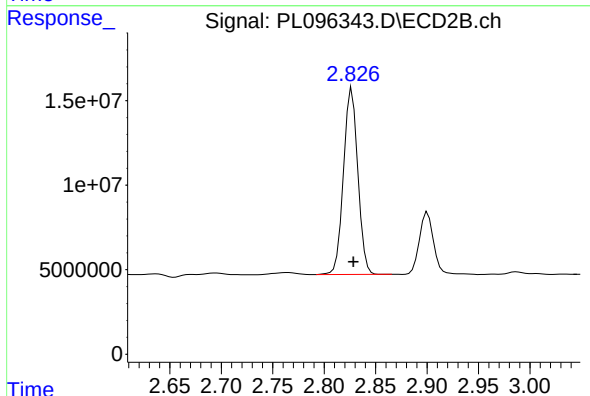
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 78688085
Conc: 21.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

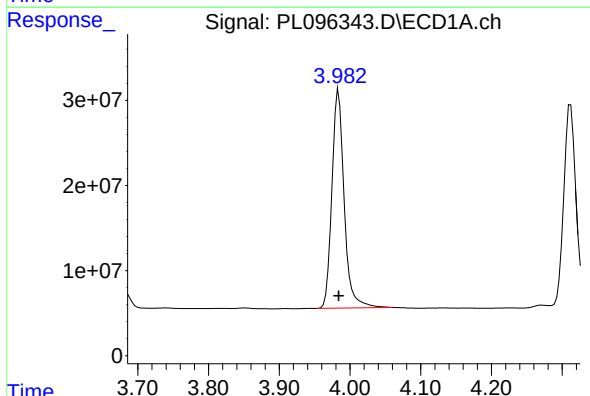
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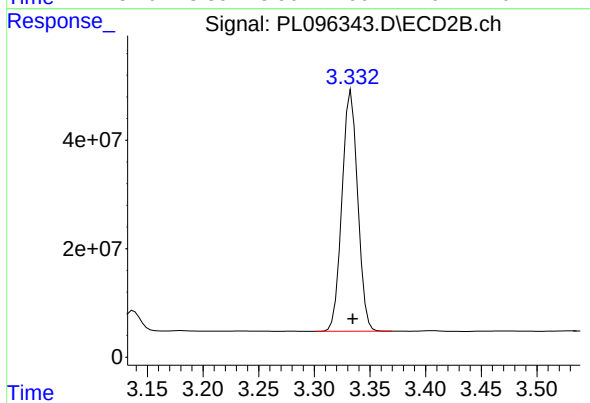
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 106812254
Conc: 18.51 ng/ml



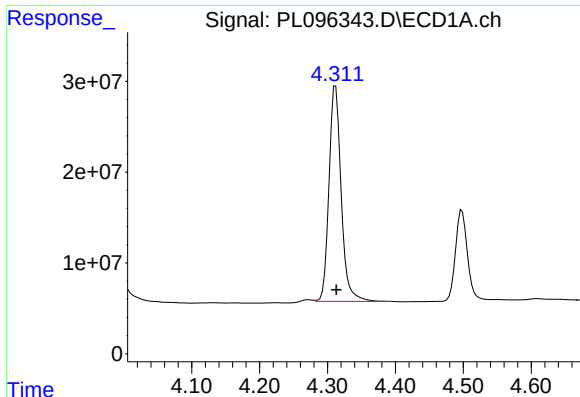
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 308797249
Conc: 60.04 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 436479107
Conc: 51.75 ng/ml



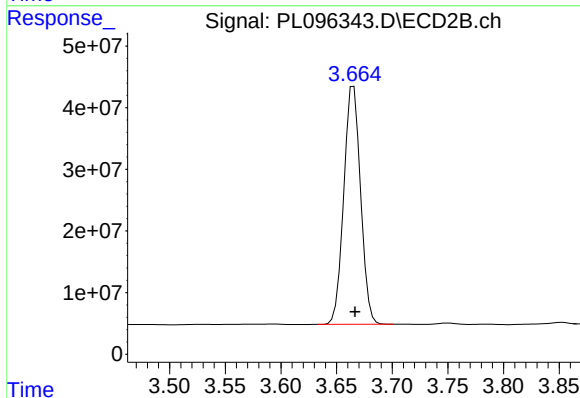
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 295905114
Conc: 59.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

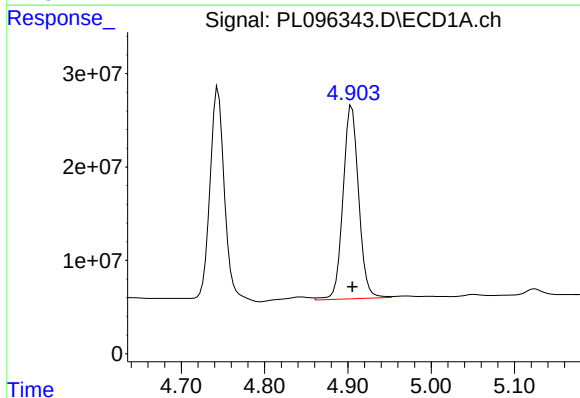
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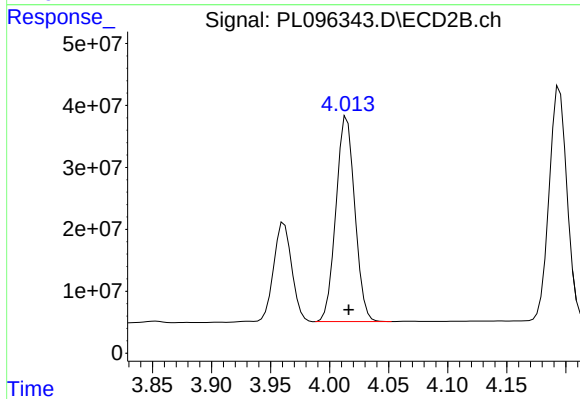
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 405787572
Conc: 51.52 ng/ml



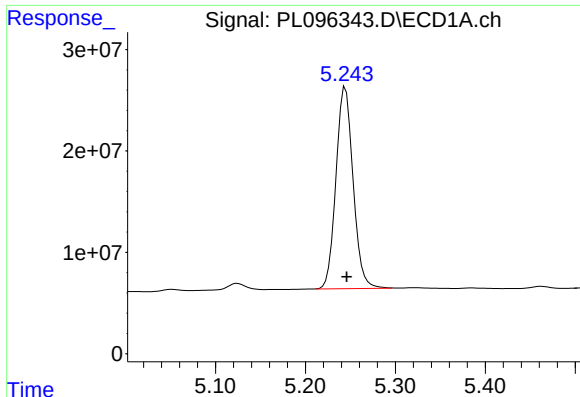
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 269401135
Conc: 58.81 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 368066676
Conc: 48.38 ng/ml



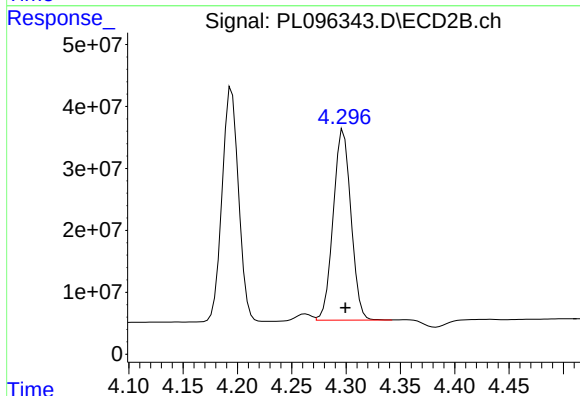
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 263493437
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

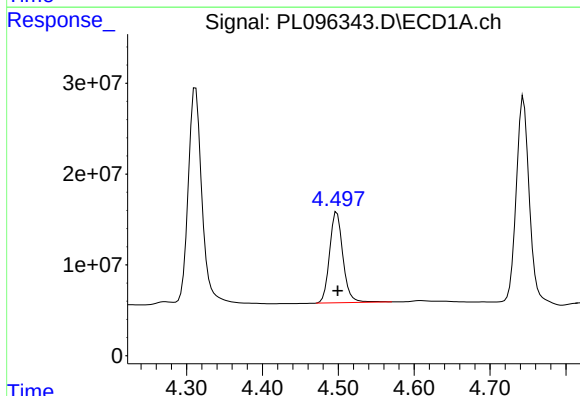
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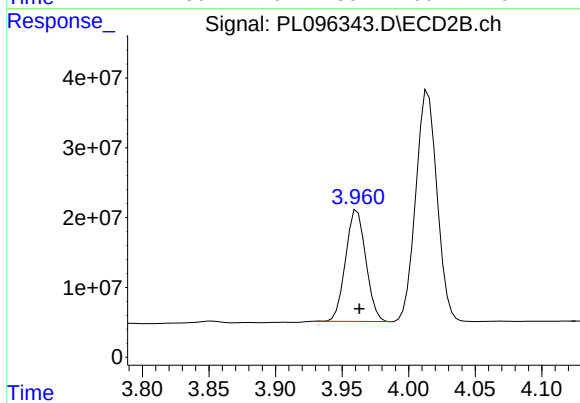
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 349227288
Conc: 47.87 ng/ml m



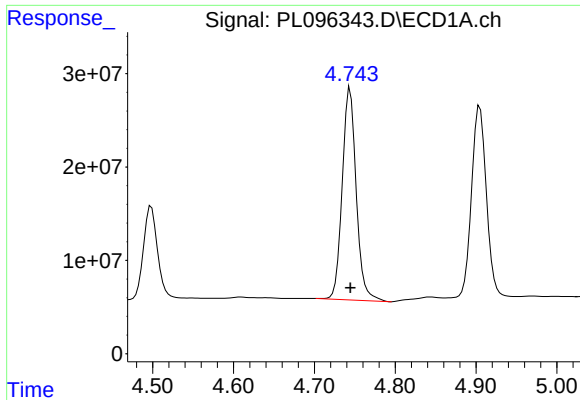
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 122199018
Conc: 58.78 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 169032049
Conc: 49.37 ng/ml



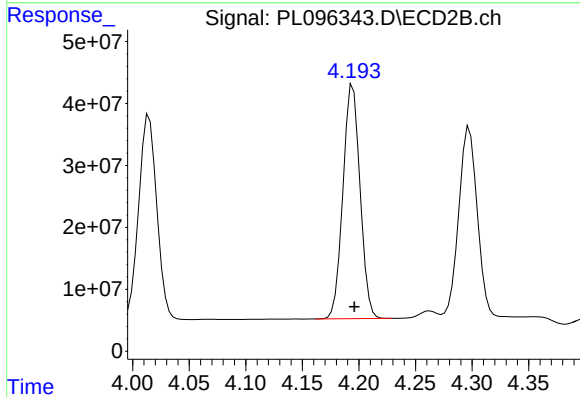
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 273530039
Conc: 61.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

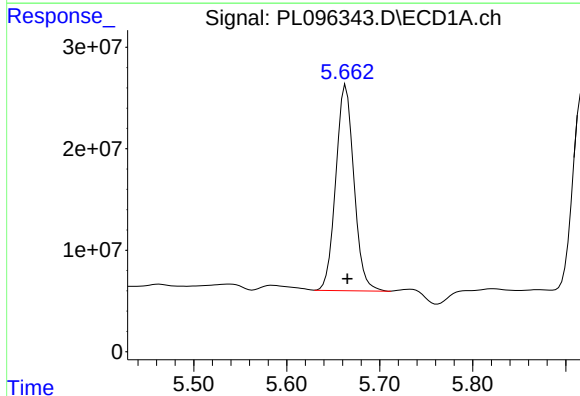
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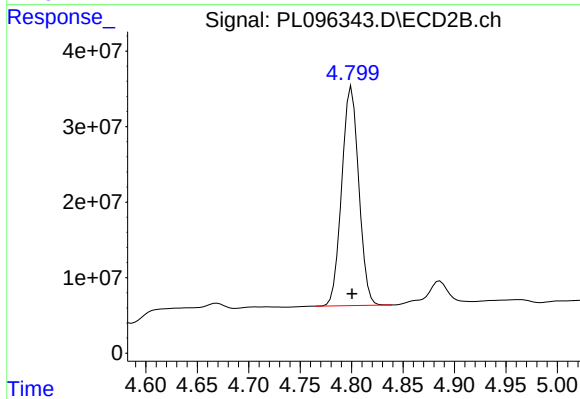
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 397434825
Conc: 51.60 ng/ml



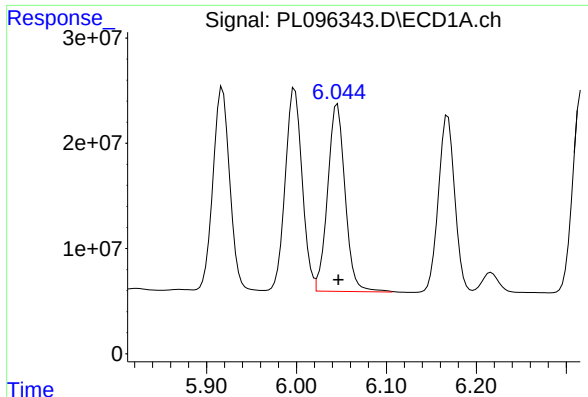
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 275149229
Conc: 66.31 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 334362192
Conc: 50.02 ng/ml



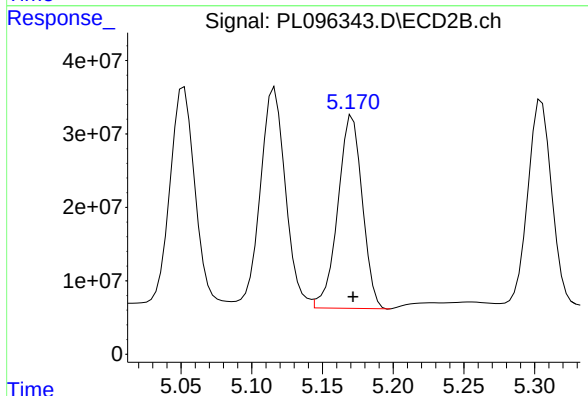
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 240106648
Conc: 59.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

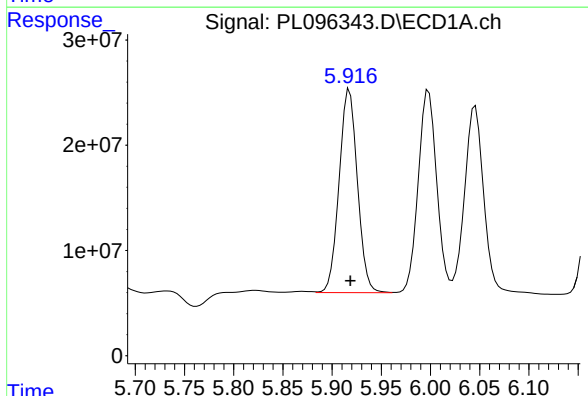
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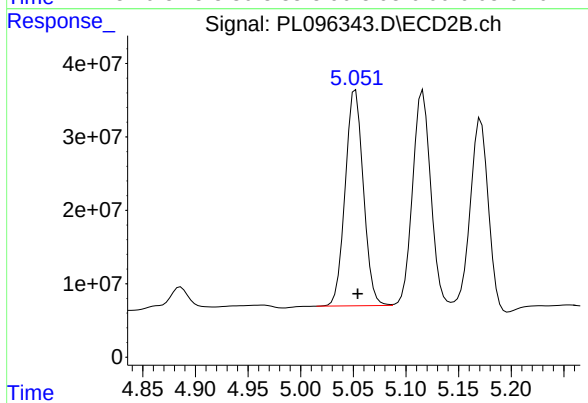
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 316766877
Conc: 44.15 ng/ml



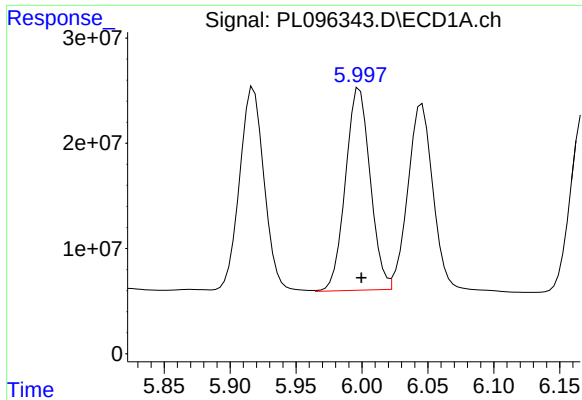
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 250181350
Conc: 56.54 ng/ml m



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 354717496
Conc: 50.53 ng/ml m



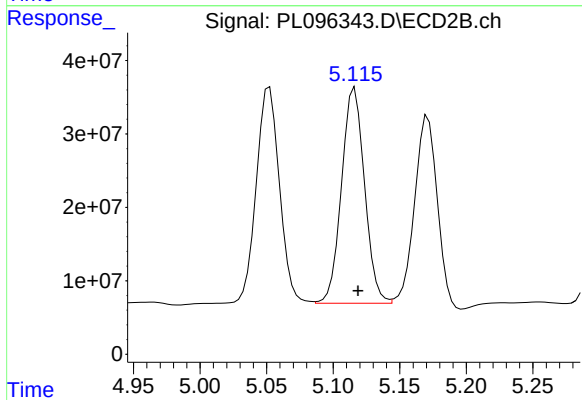
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 253637085
Conc: 57.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

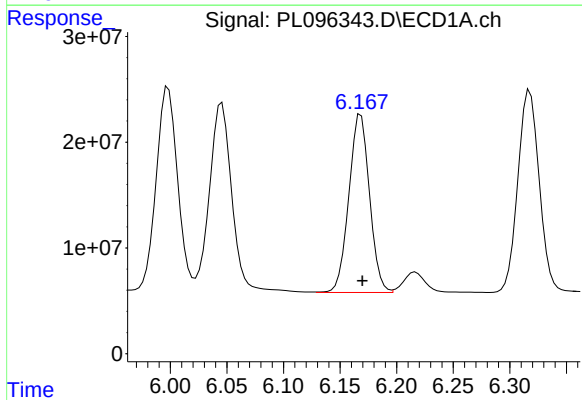
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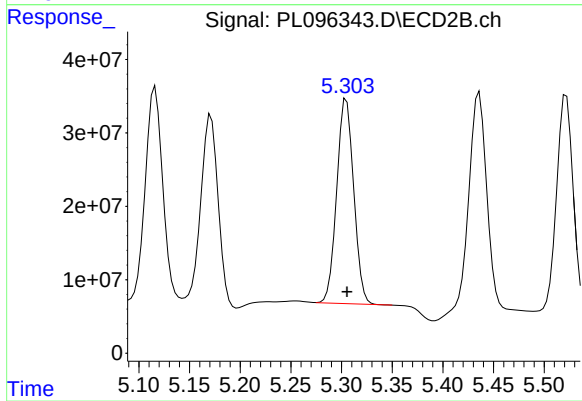
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 353698473
Conc: 47.03 ng/ml m



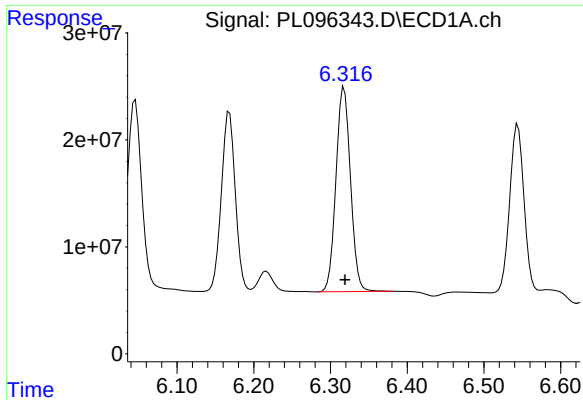
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 214275151
Conc: 57.80 ng/ml m



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 325693148
Conc: 50.39 ng/ml



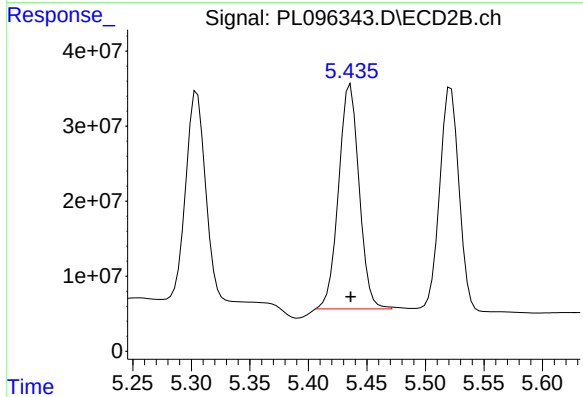
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 252157387
Conc: 59.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

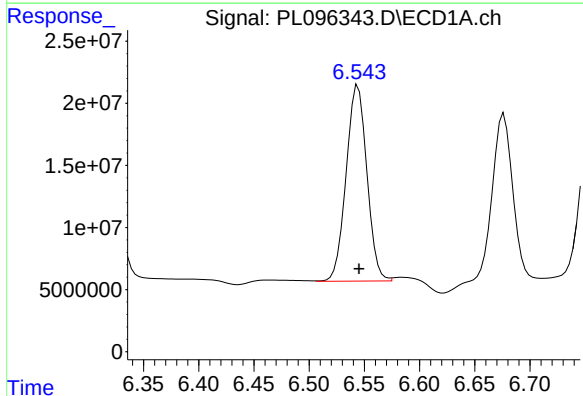
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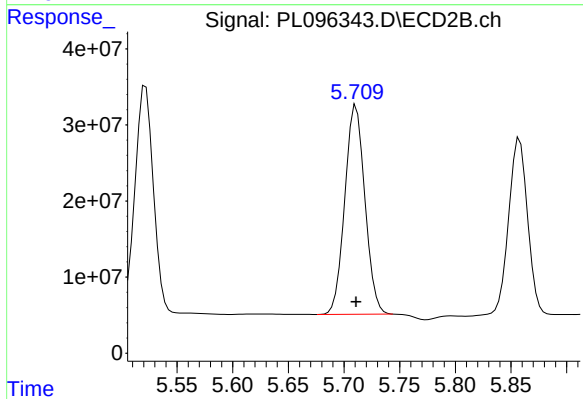
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 365324771
Conc: 53.57 ng/ml m



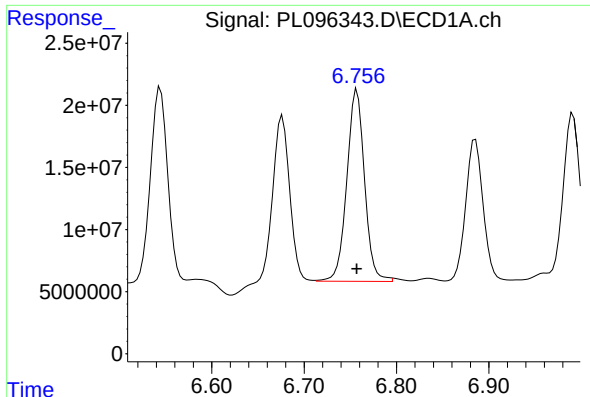
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 206475250
Conc: 66.39 ng/ml m



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 345830381
Conc: 56.73 ng/ml



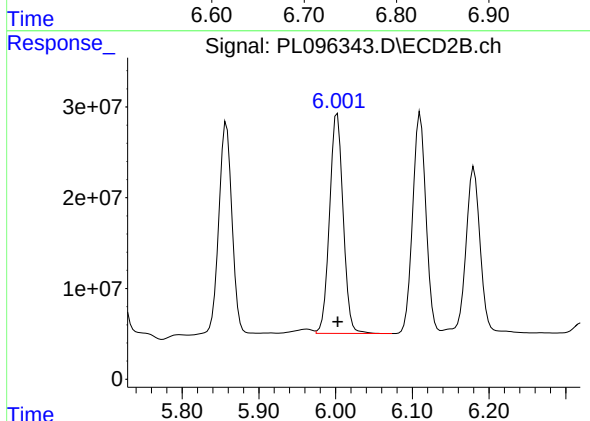
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 205644553
Conc: 59.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

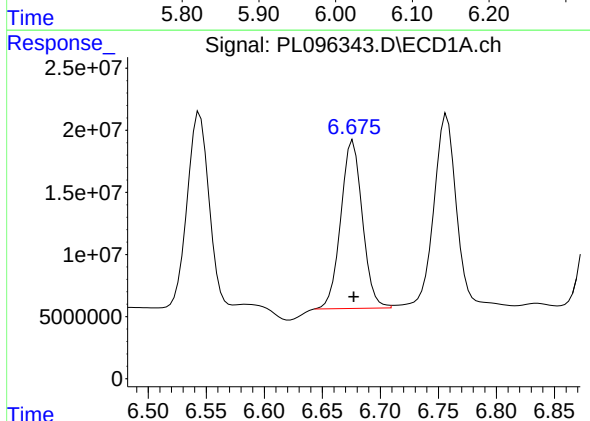
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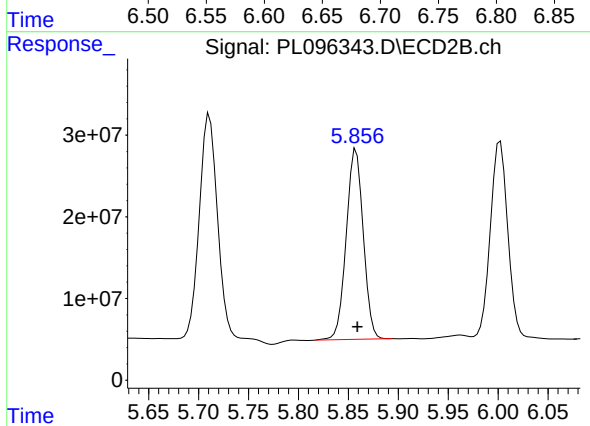
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 298124883
Conc: 50.84 ng/ml



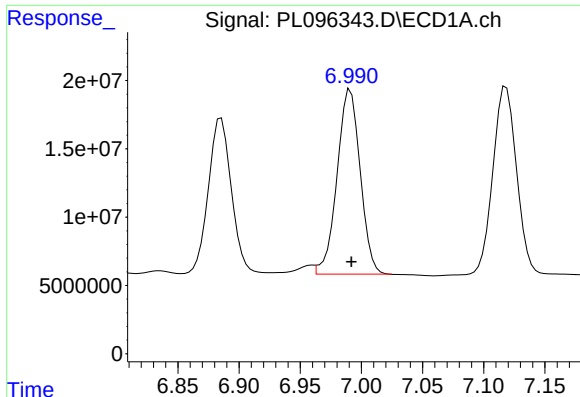
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 176010887
Conc: 60.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 276697197
Conc: 53.95 ng/ml



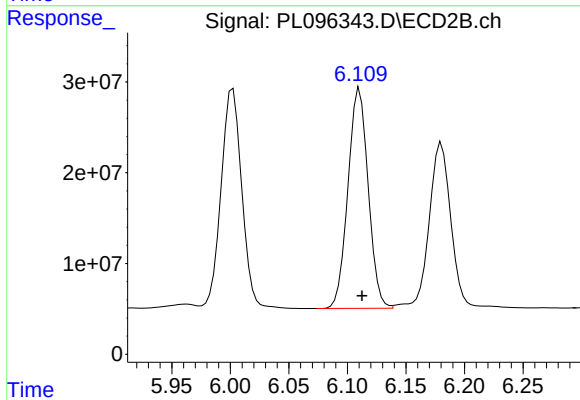
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 177546738
Conc: 58.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

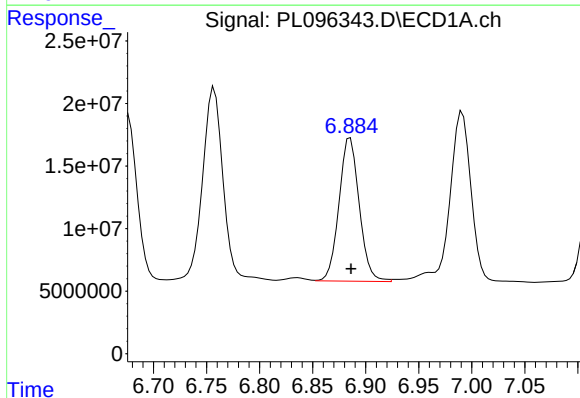
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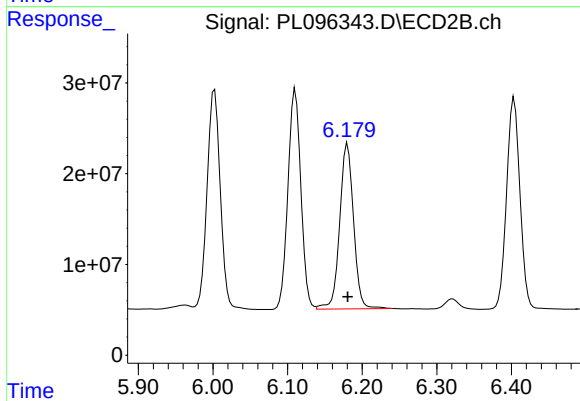
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 291835880
Conc: 50.89 ng/ml



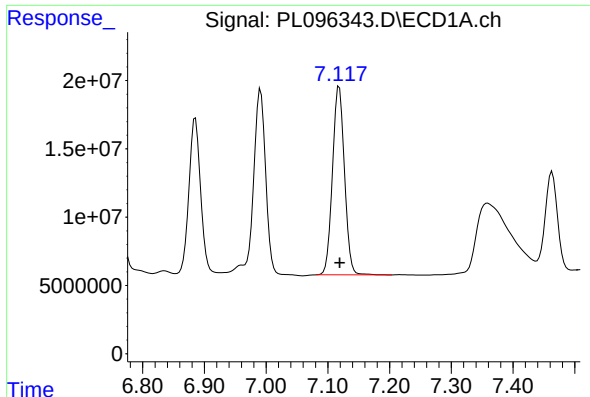
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 151857829
Conc: 67.93 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 235197141
Conc: 52.80 ng/ml



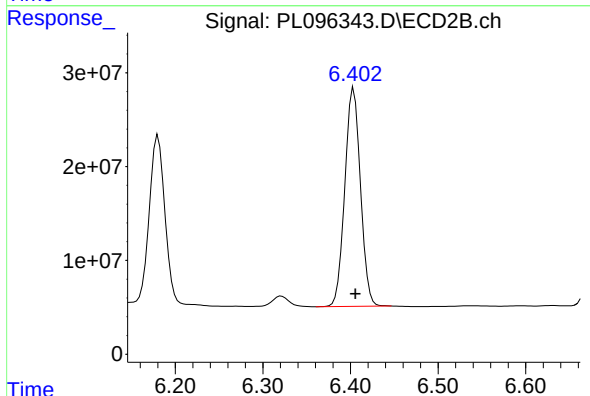
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 186819867
Conc: 61.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

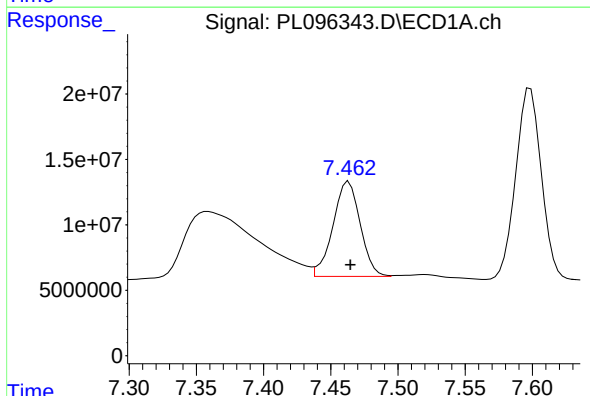
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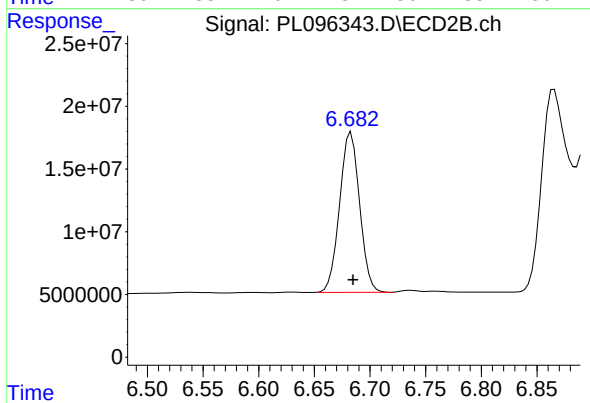
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 289094231
Conc: 51.40 ng/ml



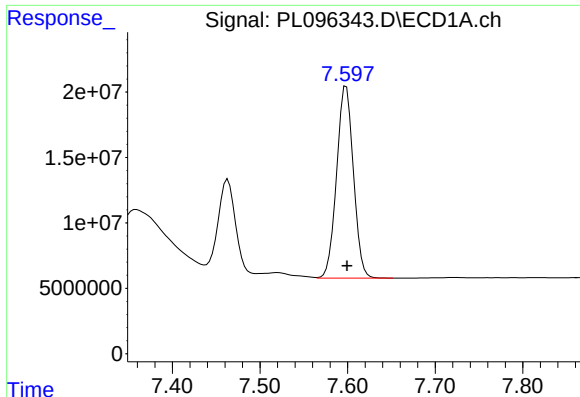
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 101698471
Conc: 64.55 ng/ml m



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 159275336
Conc: 52.43 ng/ml



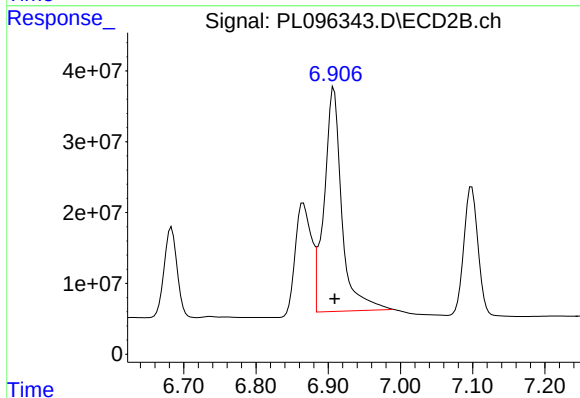
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 195922003
Conc: 59.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

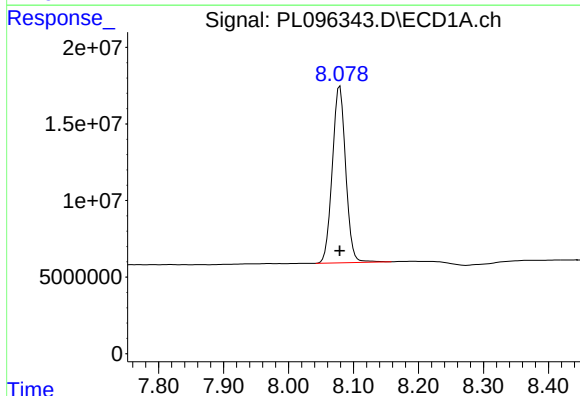
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



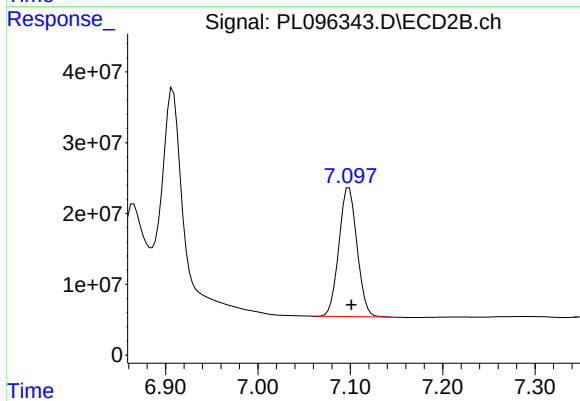
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 529983269
Conc: 84.77 ng/ml m



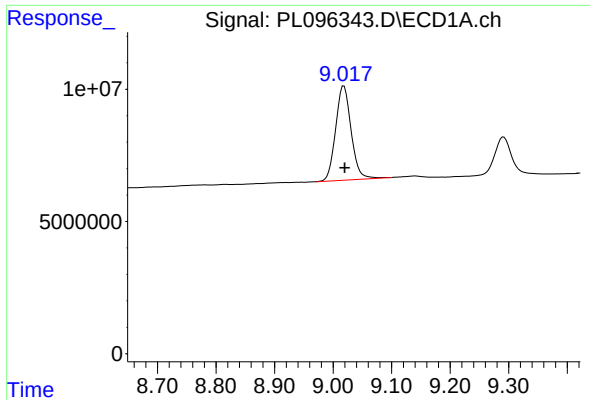
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 164496379
Conc: 59.12 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 248084659
Conc: 49.93 ng/ml



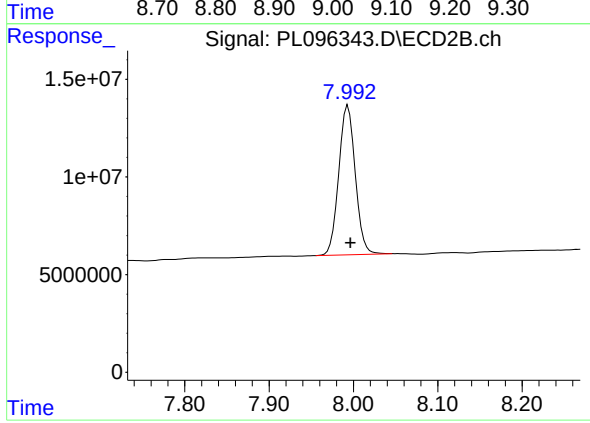
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.001 min
Response: 65963011
Conc: 23.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 104288303
Conc: 20.91 ng/ml