

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082725\
 Data File : PL096980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 17:52
 Operator : AR\AJ
 Sample : PB169402BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169402BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:32:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.529	2.824	72506082	105.1E6	18.385	18.652
28)	SA Decachlor...	9.005	7.987	61120241	112.0E6	20.644	23.345
Target Compounds							
2)	A alpha-BHC	3.976	3.330	307.4E6	457.1E6	53.051	55.668
3)	MA gamma-BHC...	4.304	3.662	290.3E6	427.9E6	53.150	58.089
4)	MA Heptachlor	4.895	4.010	288.1E6	423.0E6	54.026	56.221
5)	MB Aldrin	5.234	4.292	280.7E6	406.9E6	53.440	57.853
6)	B beta-BHC	4.491	3.957	119.2E6	179.8E6	52.135	55.115
7)	B delta-BHC	4.736	4.190	239.8E6	376.8E6	53.292	51.278
8)	B Heptachlo...	5.654	4.794	257.2E6	372.8E6	49.986	58.943
9)	A Endosulfan I	6.036	5.165	233.6E6	348.6E6	54.374	58.190
10)	B gamma-Chl...	5.906	5.046	251.3E6	387.8E6	54.566m	58.666
11)	B alpha-Chl...	5.988	5.110	250.8E6	379.7E6	53.297	58.147
12)	B 4,4'-DDE	6.159	5.299	213.7E6	365.5E6	53.550	59.377
13)	MA Dieldrin	6.308	5.430	249.8E6	387.2E6	55.004	59.094
14)	MA Endrin	6.535	5.704	192.9E6	332.9E6	51.506	56.351
15)	B Endosulfa...	6.748	5.996	218.5E6	337.6E6	49.606	59.027
16)	A 4,4'-DDD	6.668	5.851	179.4E6	323.0E6	56.837	61.848
17)	MA 4,4'-DDT	6.982	6.104	175.8E6	299.9E6	50.184	54.752
18)	B Endrin al...	6.877	6.174	153.0E6	257.8E6	58.800	63.201
19)	B Endosulfa...	7.110	6.398	186.7E6	322.7E6	54.384	57.589
20)	A Methoxychlor	7.455	6.676	86801205	161.0E6	50.015	53.656
21)	B Endrin ke...	7.590	6.902	211.6E6	387.6E6	59.511	61.923
22)	Mirex	8.068	7.092	165.9E6	289.1E6	55.454	59.527

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082725\
Data File : PL096980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 17:52
Operator : AR\AJ
Sample : PB169402BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

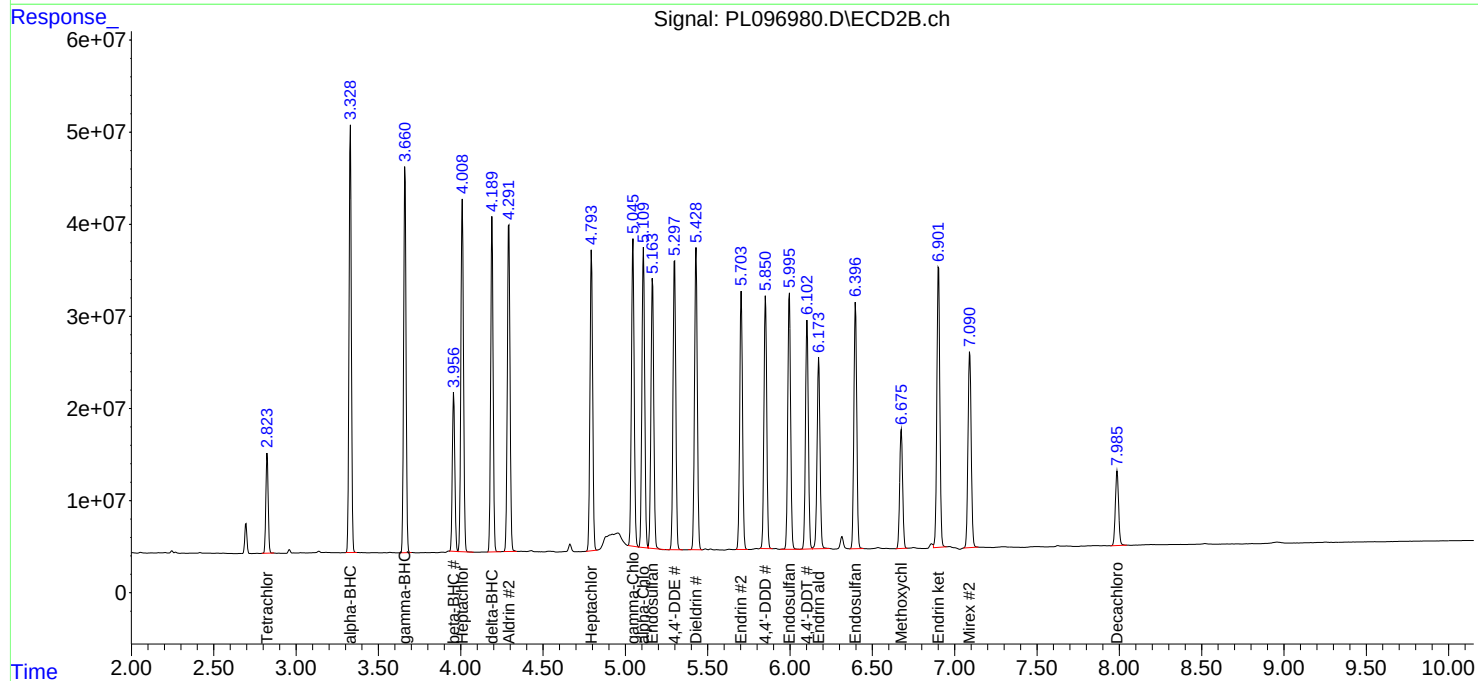
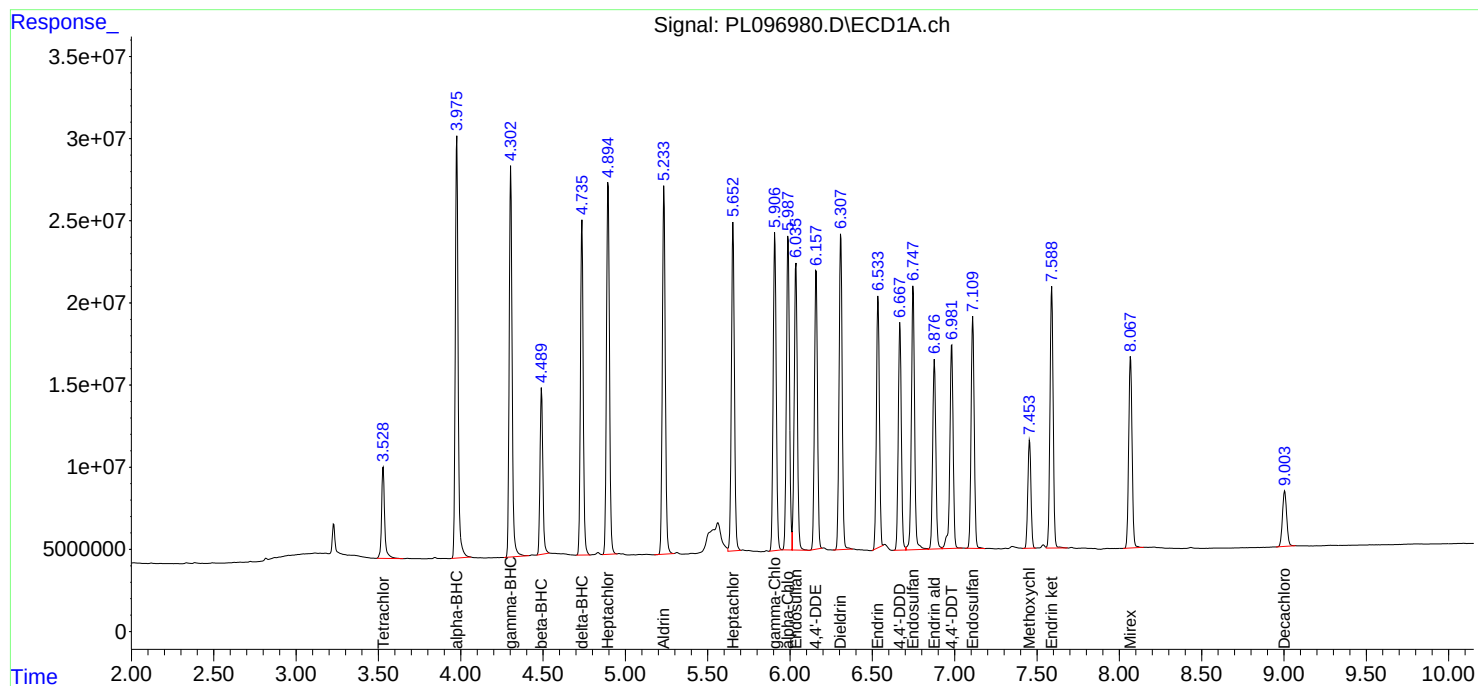
Instrument :
ECD_L
ClientSampleId :
PB169402BS

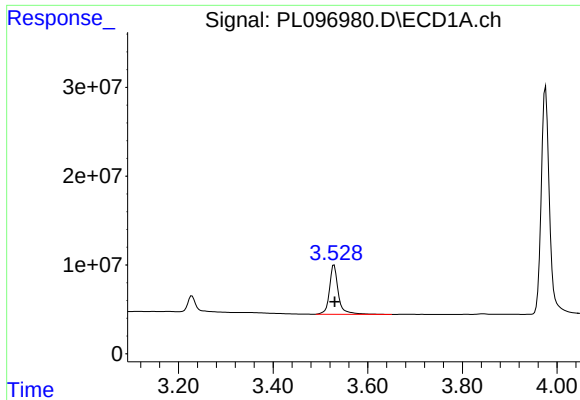
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 01:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





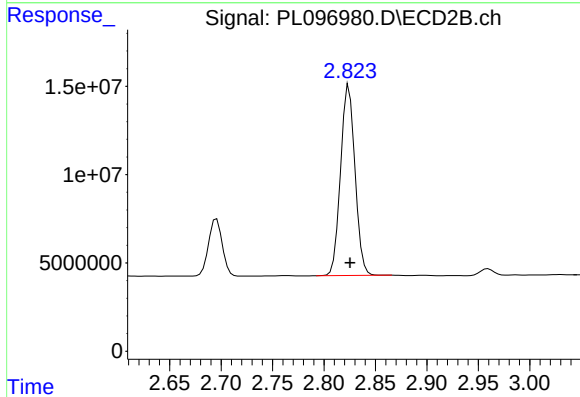
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.001 min
Response: 72506082
Conc: 18.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

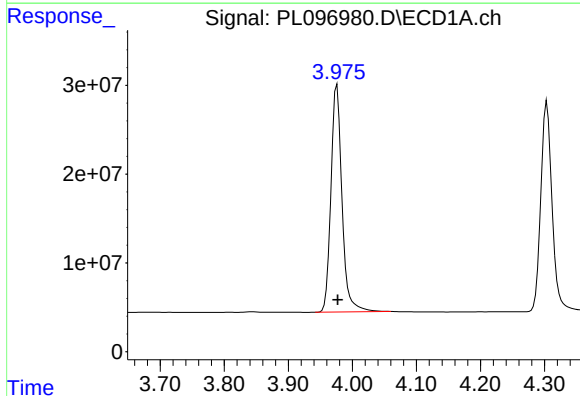
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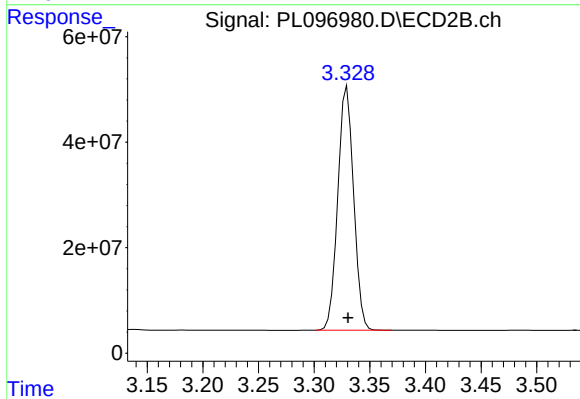
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 105132257
Conc: 18.65 ng/ml



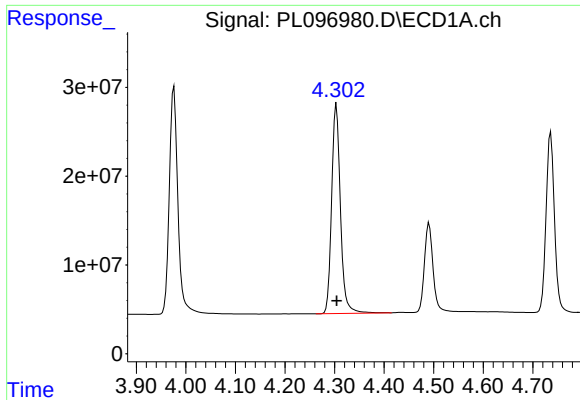
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.001 min
Response: 307378387
Conc: 53.05 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 457104796
Conc: 55.67 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 290293427
Conc: 53.15 ng/ml

Instrument :

ECD_L

ClientSampleId :

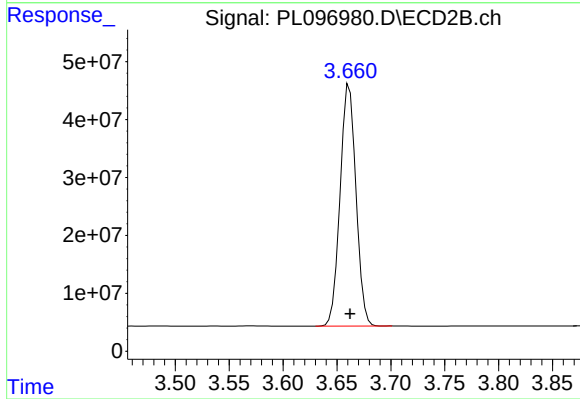
PB169402BS

Manual Integrations

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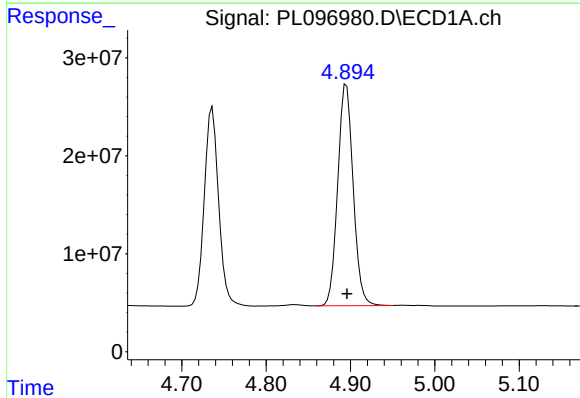
Reviewed By :Abdul Mirza 08/27/2025

Supervised By :mohammad ahmed 08/28/2025



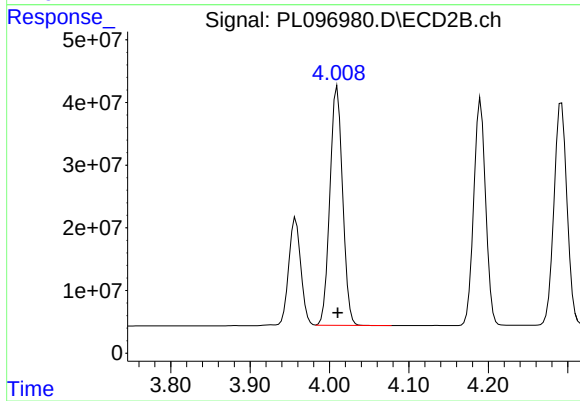
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 427915487
Conc: 58.09 ng/ml



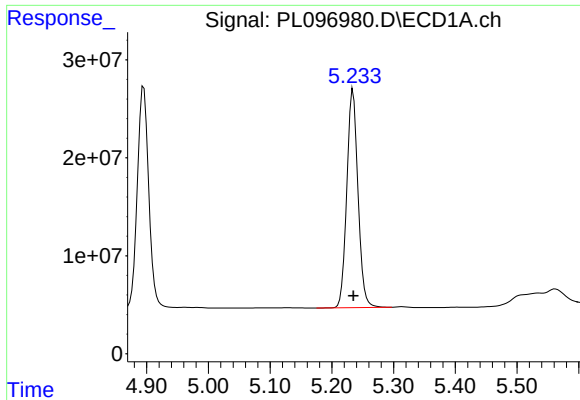
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 288087664
Conc: 54.03 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 423014213
Conc: 56.22 ng/ml



#5 Aldrin

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 280748862
Conc: 53.44 ng/ml

Instrument :

ECD_L

ClientSampleId :

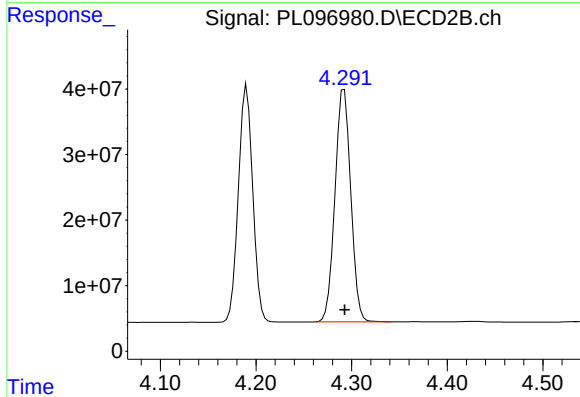
PB169402BS

Manual Integrations

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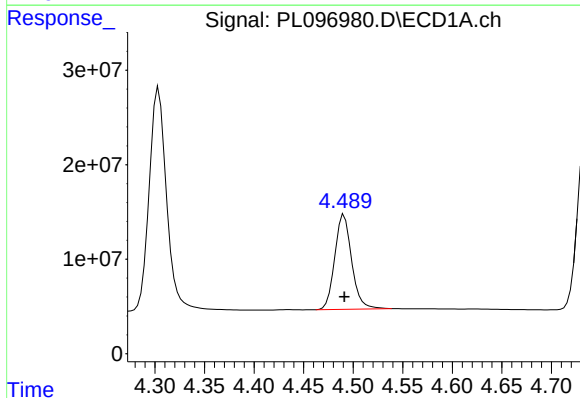
Reviewed By :Abdul Mirza 08/27/2025

Supervised By :mohammad ahmed 08/28/2025



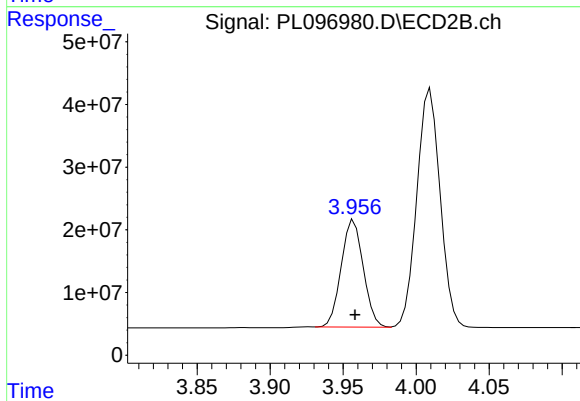
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 406872822
Conc: 57.85 ng/ml



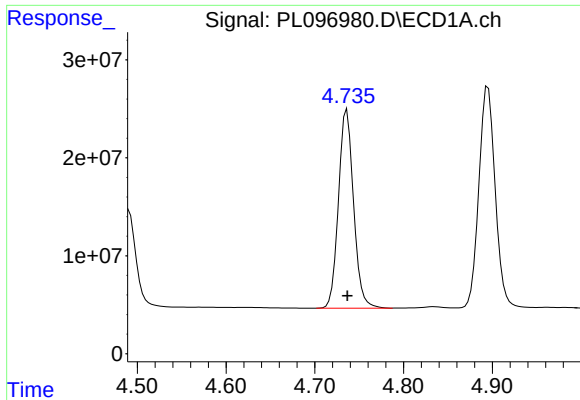
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 119234980
Conc: 52.13 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 179800879
Conc: 55.11 ng/ml



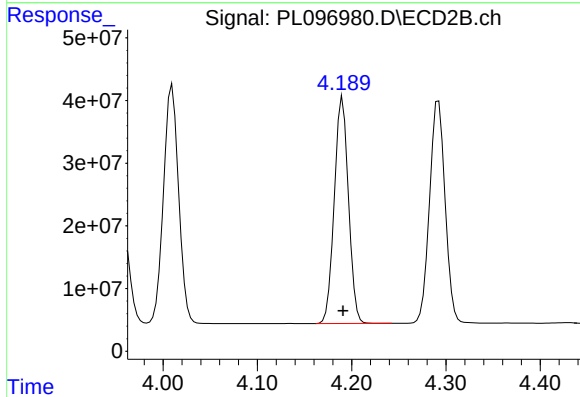
#7 delta-BHC

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 239813036
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

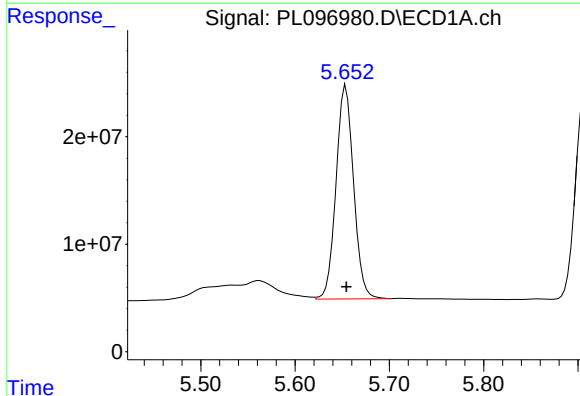
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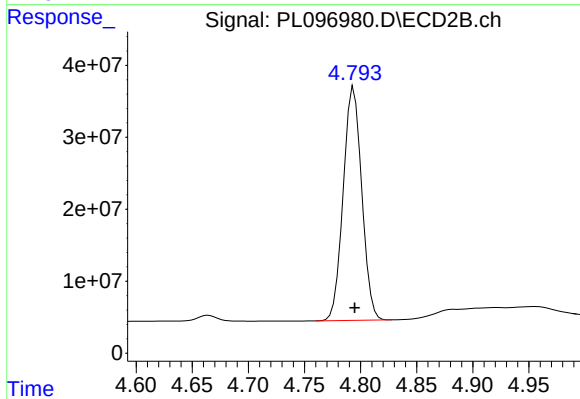
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 376830986
Conc: 51.28 ng/ml



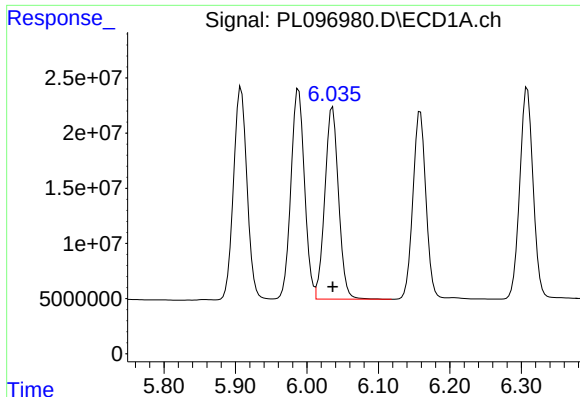
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 257221167
Conc: 49.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 372812890
Conc: 58.94 ng/ml



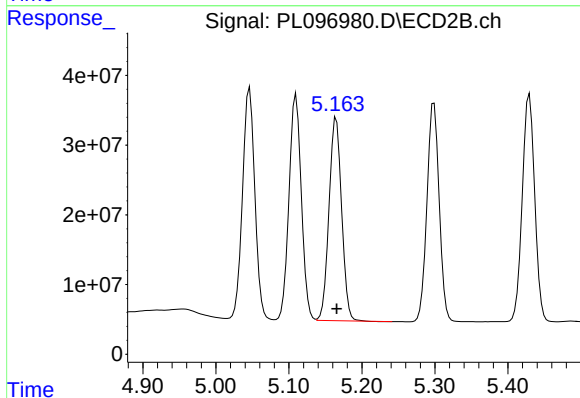
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 233632444
Conc: 54.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

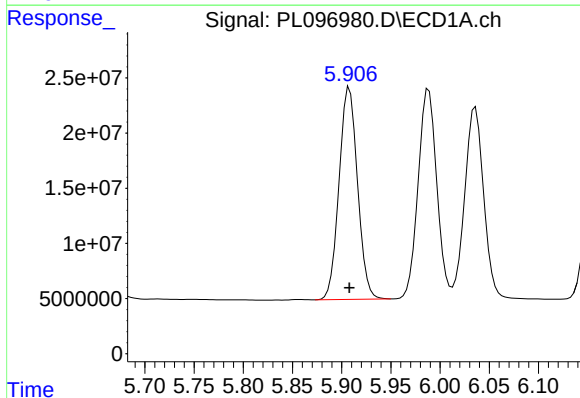
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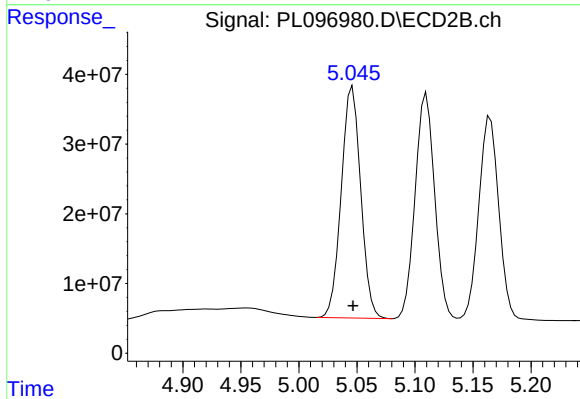
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 348631603
Conc: 58.19 ng/ml



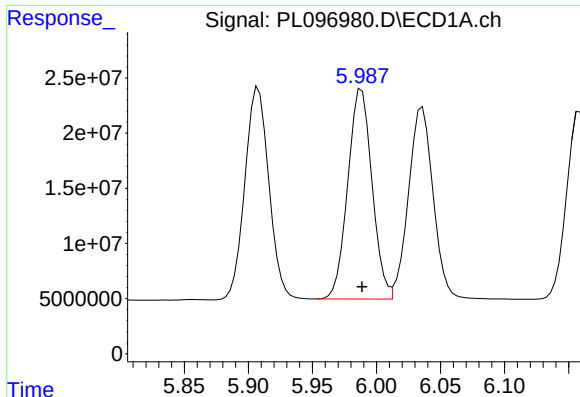
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 251301228
Conc: 54.57 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 387847009
Conc: 58.67 ng/ml



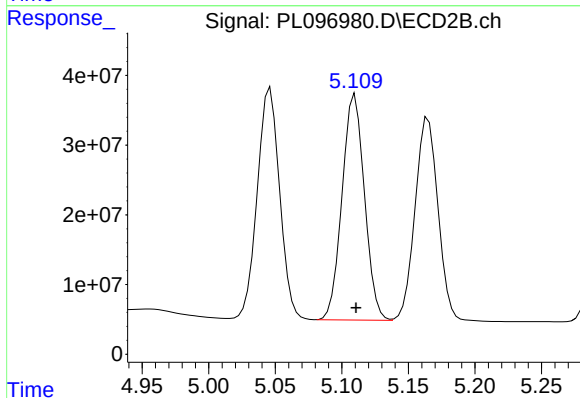
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 250808948
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

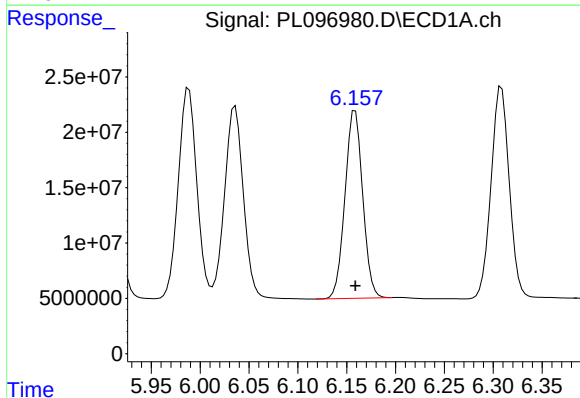
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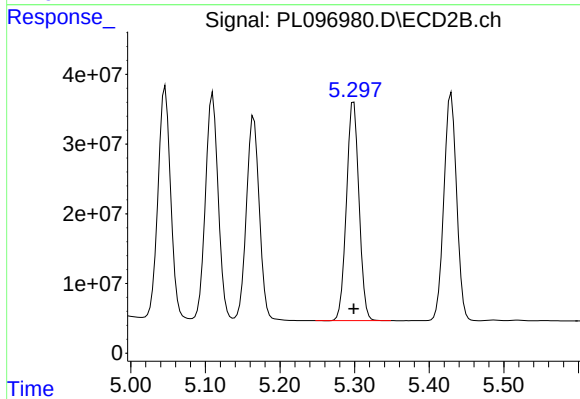
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 379685031
Conc: 58.15 ng/ml



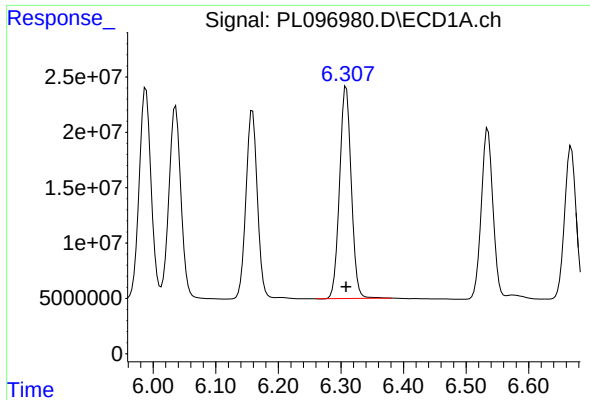
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 213672130
Conc: 53.55 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 365451311
Conc: 59.38 ng/ml



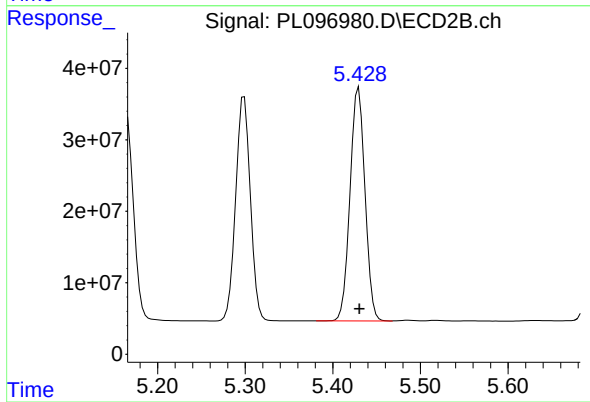
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 249763790
Conc: 55.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

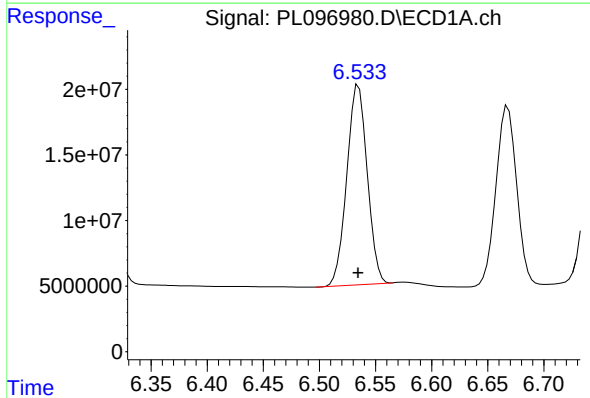
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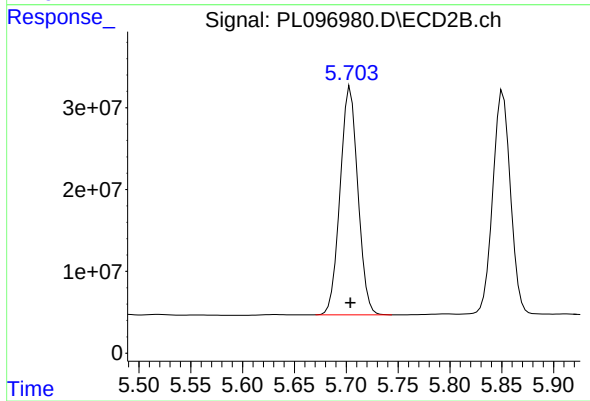
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 387246522
Conc: 59.09 ng/ml



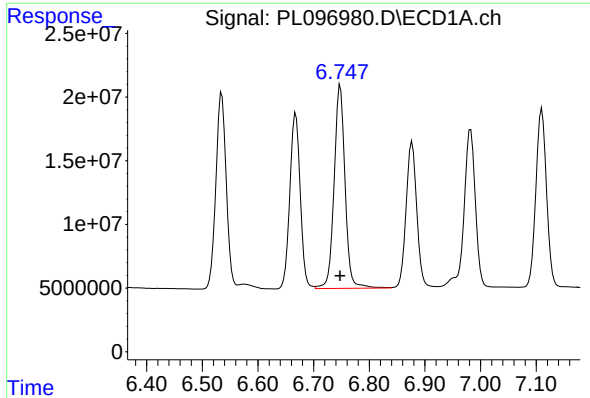
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 192883091
Conc: 51.51 ng/ml



#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 332875147
Conc: 56.35 ng/ml



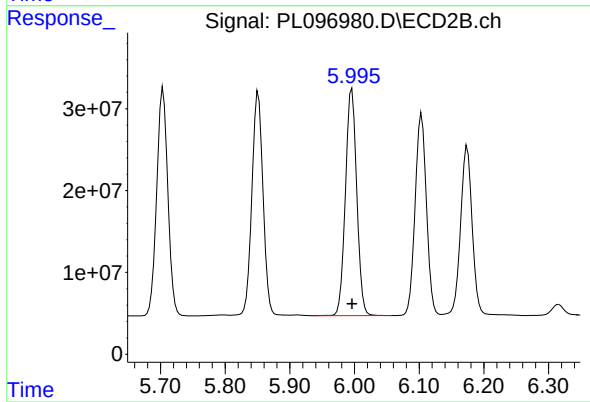
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 218517615
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

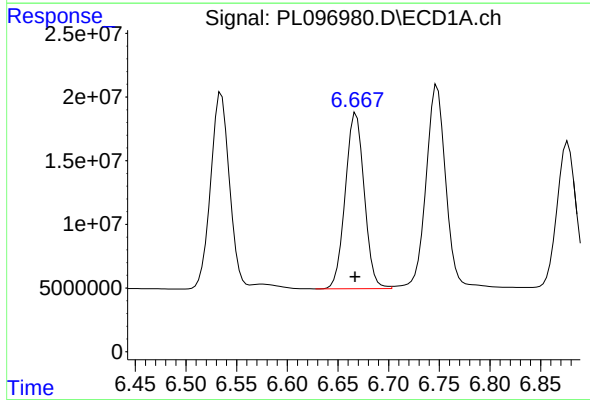
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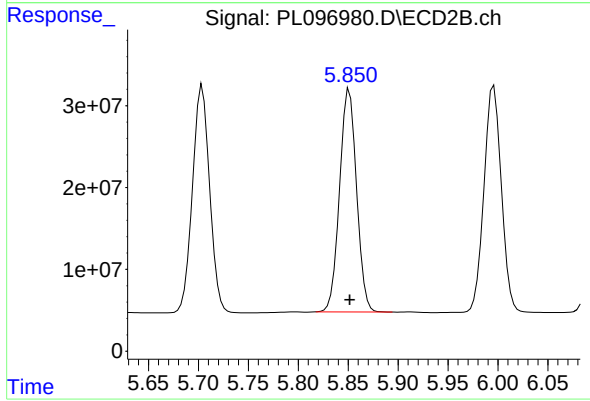
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 337557956
Conc: 59.03 ng/ml



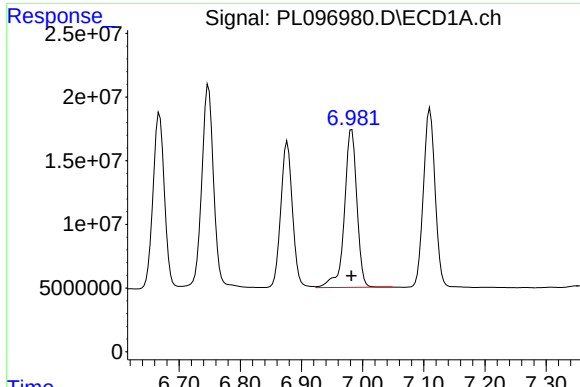
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 179367850
Conc: 56.84 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 322992338
Conc: 61.85 ng/ml



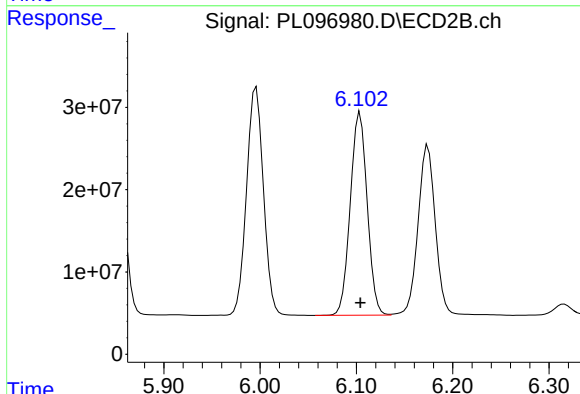
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 175764705
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

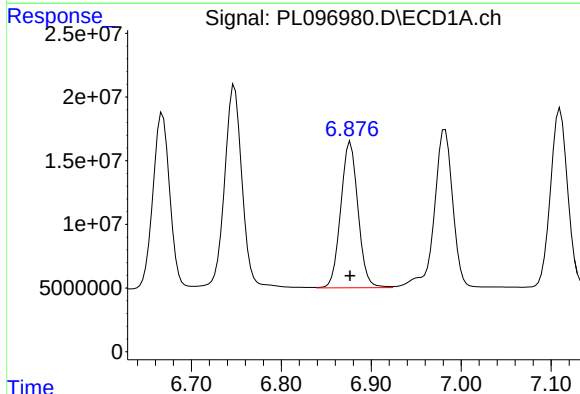
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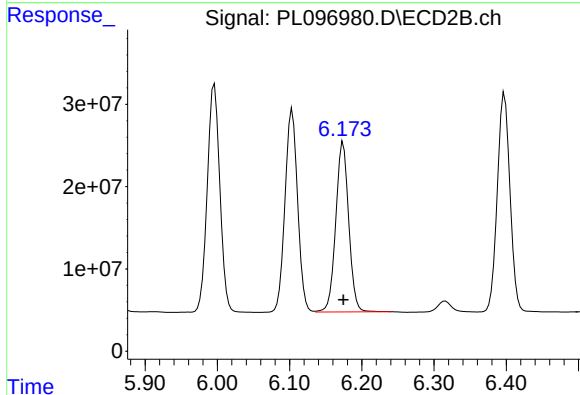
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 299890321
Conc: 54.75 ng/ml



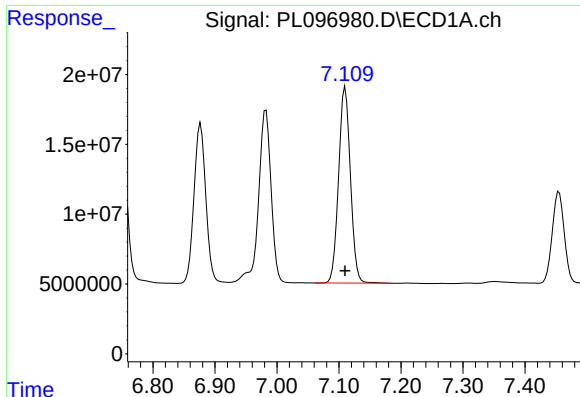
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 152964253
Conc: 58.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 257770966
Conc: 63.20 ng/ml



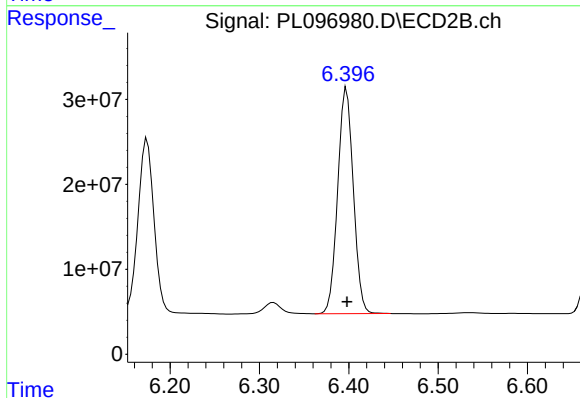
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 186720352
Conc: 54.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

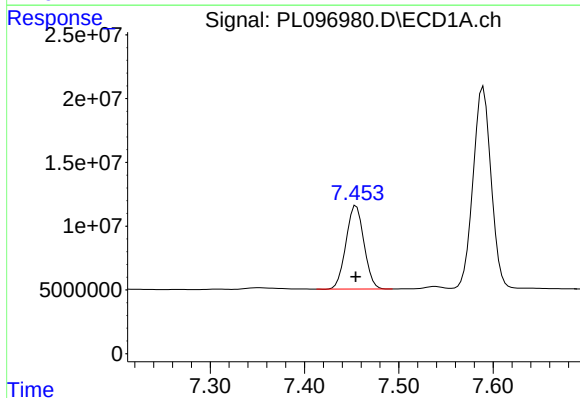
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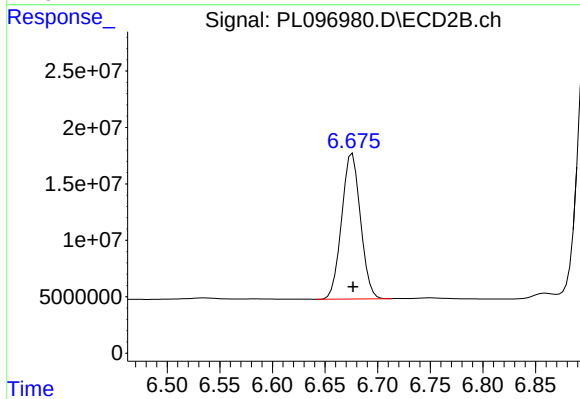
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 322671298
Conc: 57.59 ng/ml



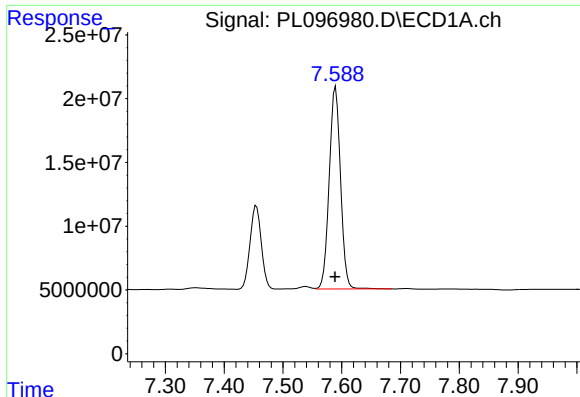
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 86801205
Conc: 50.02 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 160954706
Conc: 53.66 ng/ml



#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 211578030
Conc: 59.51 ng/ml

Instrument :

ECD_L

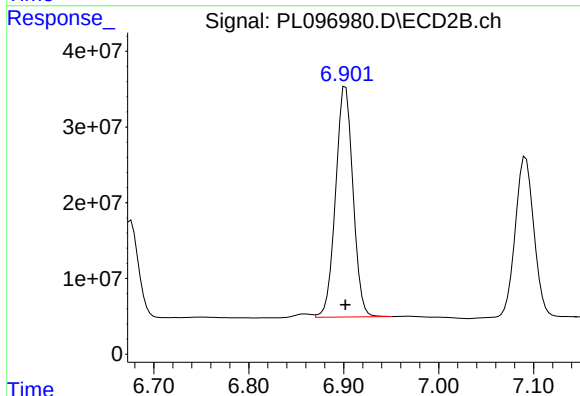
ClientSampleId :

PB169402BS

Manual Integrations

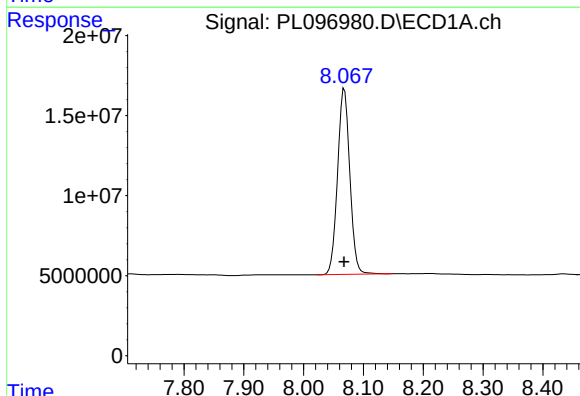
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Reviewed By :Abdul Mirza 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



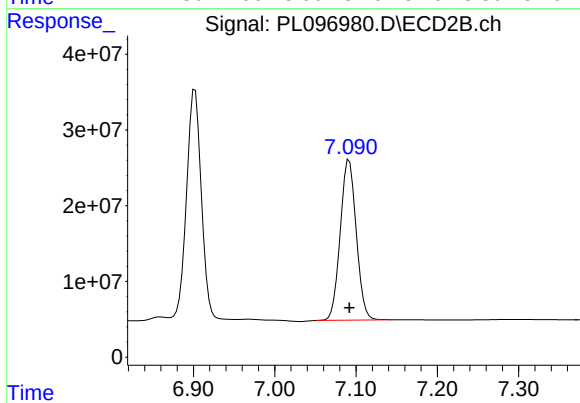
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 387573294
Conc: 61.92 ng/ml



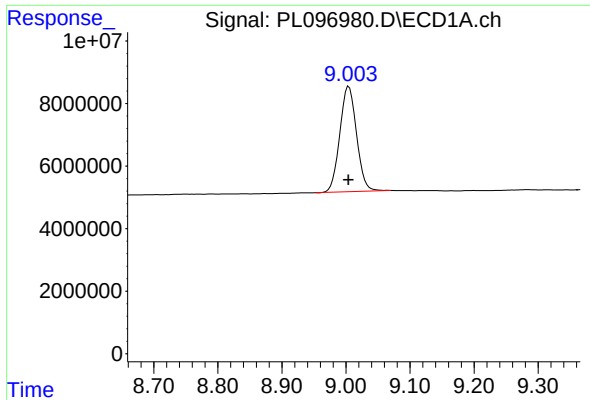
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 165910970
Conc: 55.45 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 289098770
Conc: 59.53 ng/ml



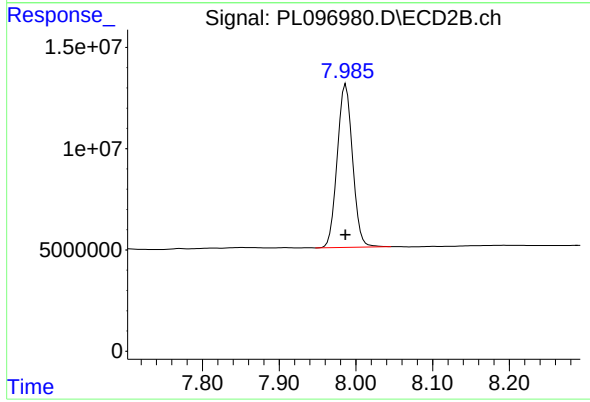
#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.000 min
Response: 61120241
Conc: 20.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169402BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/28/2025



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 111956135
Conc: 23.34 ng/ml