

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
 Data File : PL096837.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 20:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:57:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	180.7E6	259.8E6	56.821	54.377
28)	SA Decachlor...	9.003	7.986	132.6E6	232.5E6	55.611m	53.593
Target Compounds							
2)	A alpha-BHC	3.978	3.331	267.4E6	387.3E6	57.804	54.723
3)	MA gamma-BHC...	4.306	3.662	250.3E6	359.4E6	56.575	54.433
4)	MA Heptachlor	4.897	4.011	248.6E6	349.3E6	59.815	52.431
5)	MB Aldrin	5.236	4.293	243.2E6	333.5E6	56.545	53.727
6)	B beta-BHC	4.492	3.959	102.1E6	152.8E6	56.545	54.179
7)	B delta-BHC	4.738	4.191	233.6E6	351.1E6	58.557	54.240
8)	B Heptachlo...	5.655	4.795	223.2E6	299.7E6	57.882	52.481
9)	A Endosulfan I	6.037	5.165	197.5E6	281.8E6	54.908	50.952
10)	B gamma-Chl...	5.909	5.047	215.5E6	312.4E6	56.629	53.124
11)	B alpha-Chl...	5.989	5.111	220.8E6	307.3E6	57.290	52.088
12)	B 4,4'-DDE	6.159	5.300	184.9E6	289.2E6	57.588	52.452
13)	MA Dieldrin	6.309	5.429	199.4E6	314.9E6	53.723	53.317m
14)	MA Endrin	6.534	5.705	167.0E6	274.0E6	55.174m	50.691
15)	B Endosulfa...	6.746	5.996	174.3E6	265.2E6	54.433m	51.634
16)	A 4,4'-DDD	6.666	5.852	146.5E6	250.9E6	57.934m	53.334
17)	MA 4,4'-DDT	6.982	6.104	151.5E6	253.2E6	52.846	50.063
18)	B Endrin al...	6.877	6.174	123.9E6	201.1E6	57.722	55.332
19)	B Endosulfa...	7.110	6.397	151.1E6	262.5E6	52.573	51.602
20)	A Methoxychlor	7.455	6.675	73772766	135.4E6	50.242	49.391m
21)	B Endrin ke...	7.589	6.902	163.2E6	308.4E6	54.287	55.366
22)	Mirex	8.067	7.092	131.0E6	227.3E6	52.849m	52.122

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
Data File : PL096837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 20:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

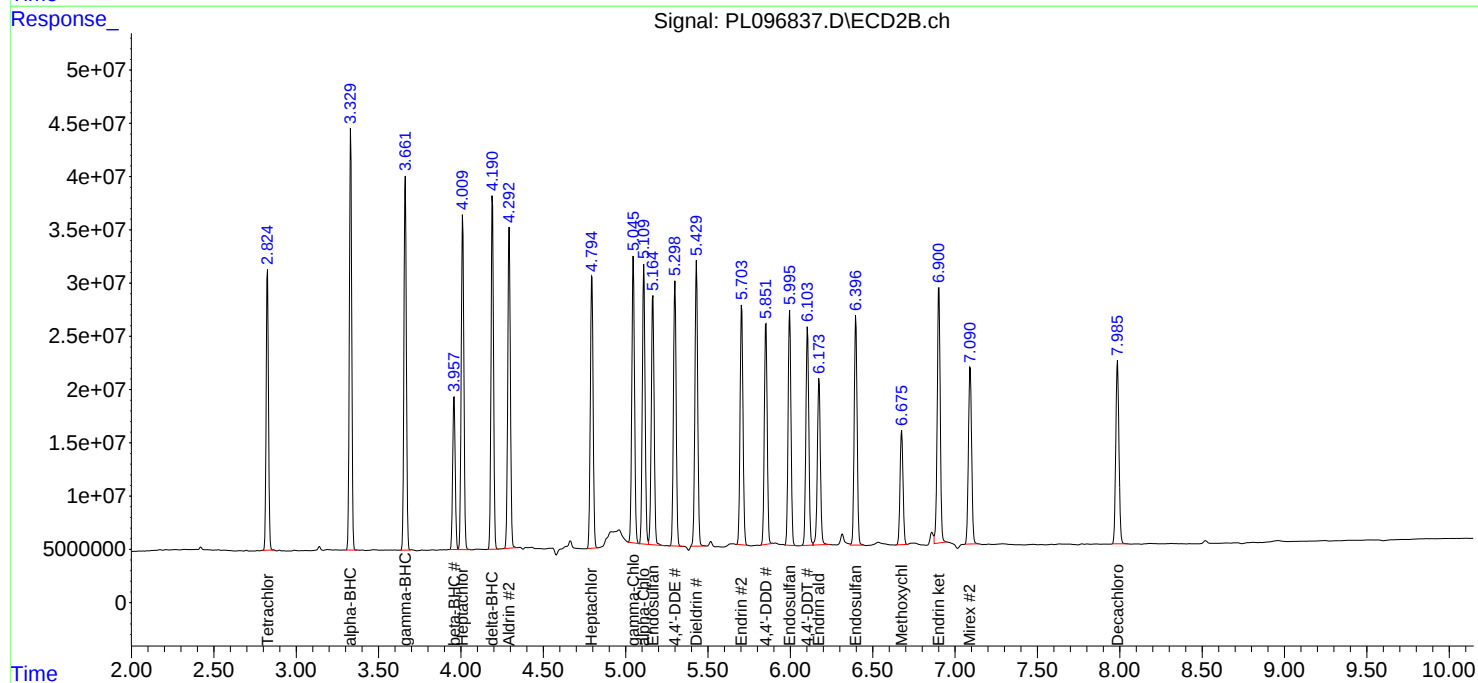
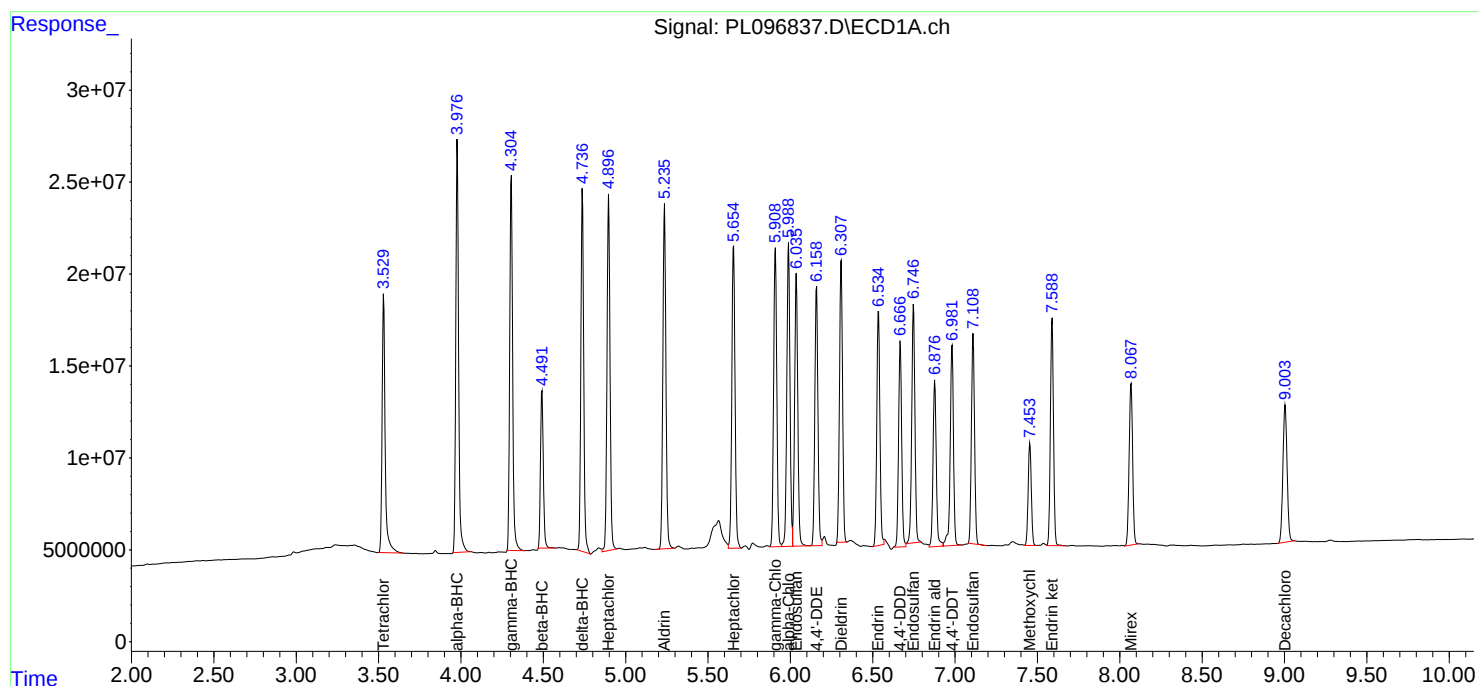
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

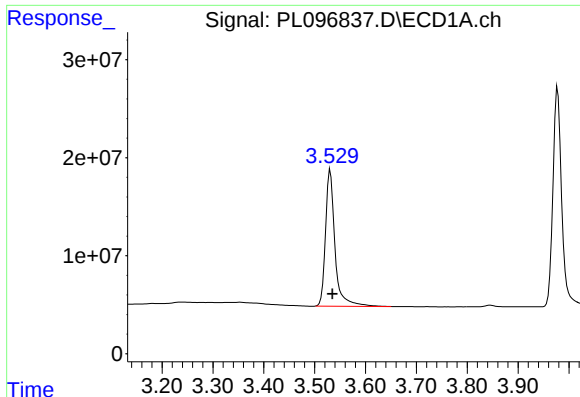
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:57:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





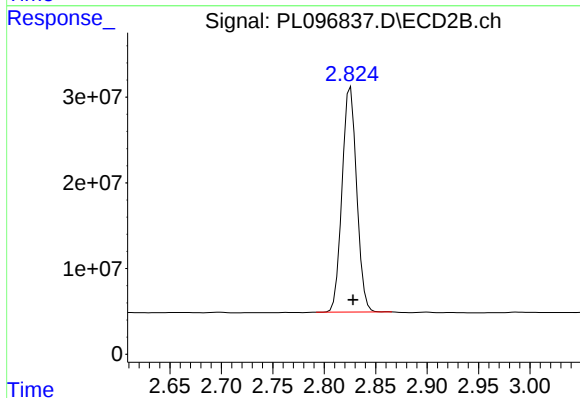
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 180734970
Conc: 56.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

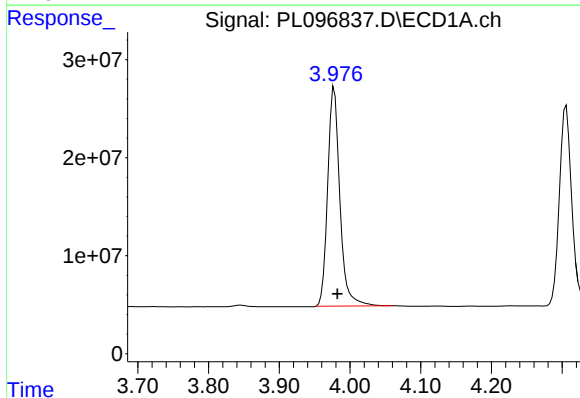
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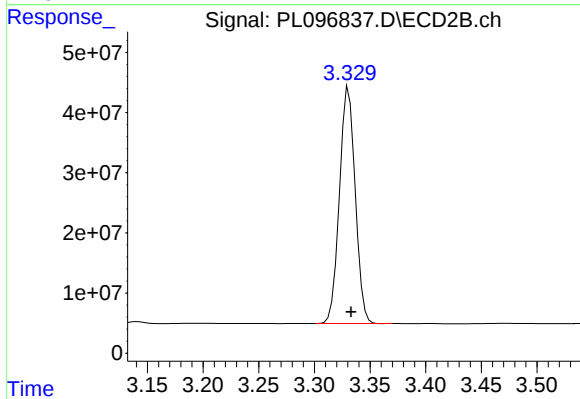
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 259800574
Conc: 54.38 ng/ml



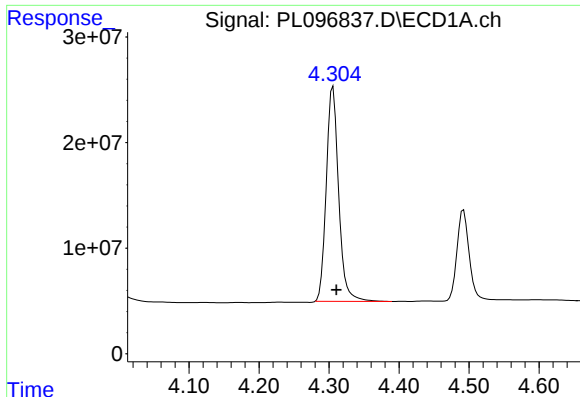
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 267422416
Conc: 57.80 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 387274350
Conc: 54.72 ng/ml



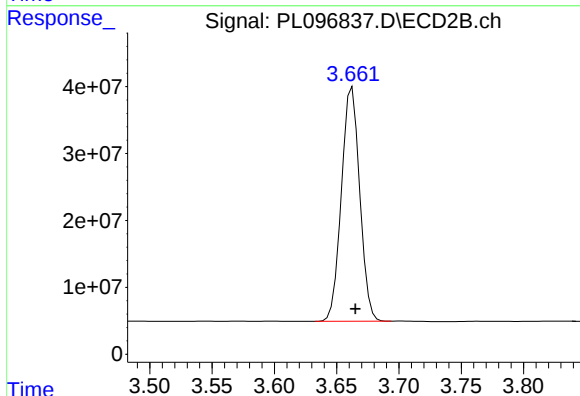
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 250257374
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

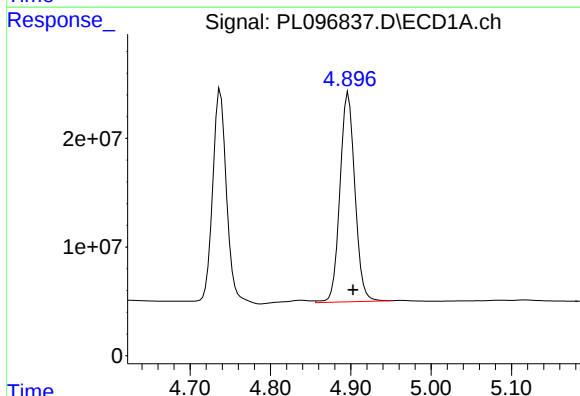
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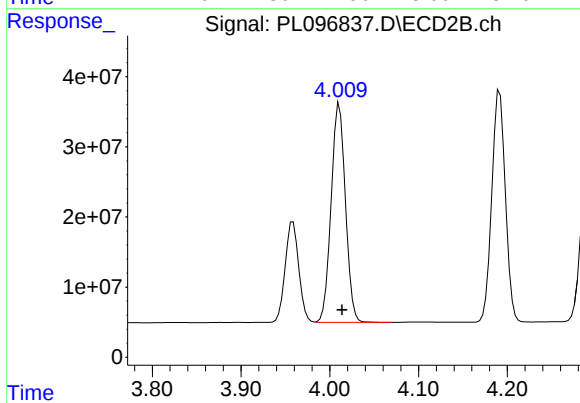
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 359440039
Conc: 54.43 ng/ml



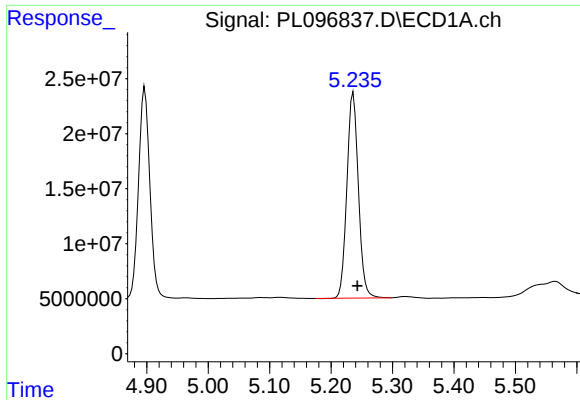
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 248571375
Conc: 59.81 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 349295899
Conc: 52.43 ng/ml



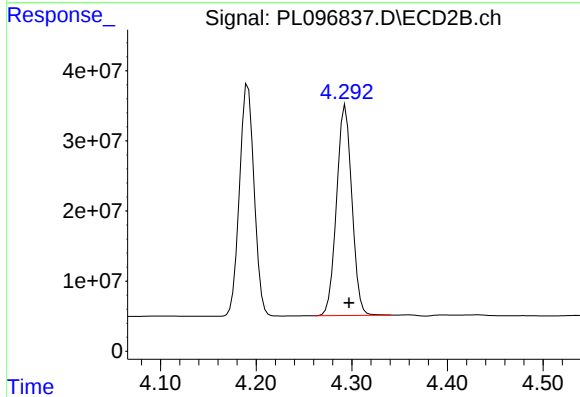
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 243198185
Conc: 56.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

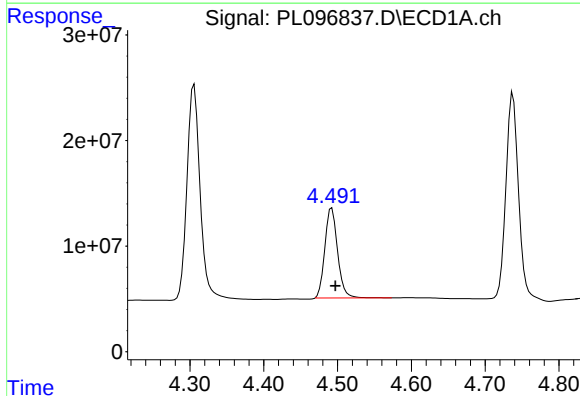
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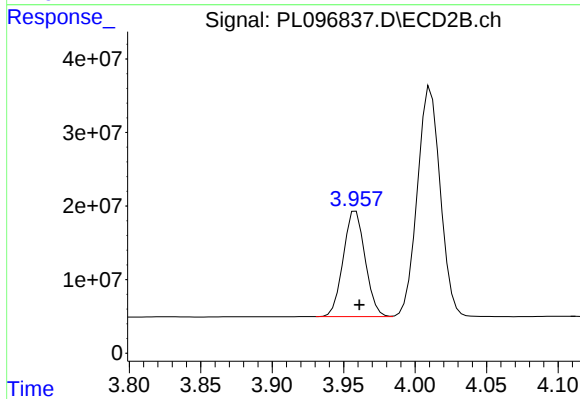
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 333486511
Conc: 53.73 ng/ml



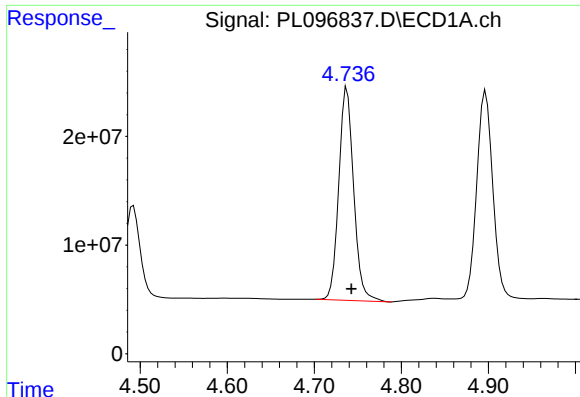
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 102062353
Conc: 56.55 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 152833961
Conc: 54.18 ng/ml



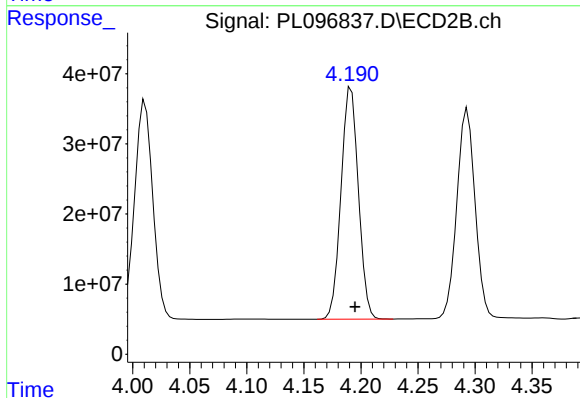
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 233635443
Conc: 58.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

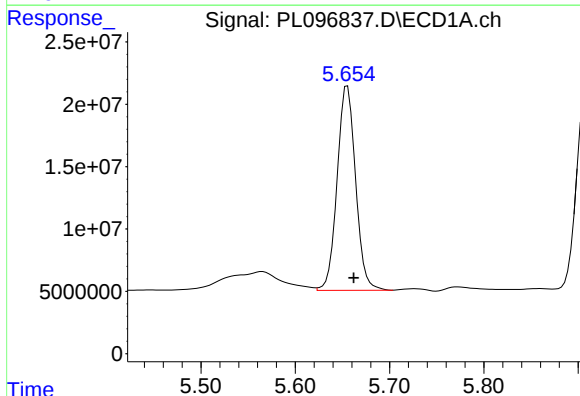
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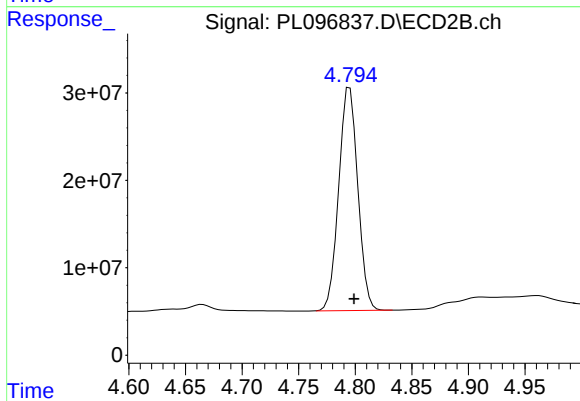
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 351128336
Conc: 54.24 ng/ml



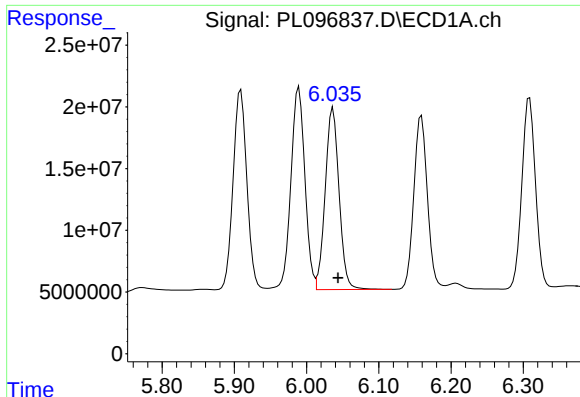
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 223225892
Conc: 57.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 299736064
Conc: 52.48 ng/ml



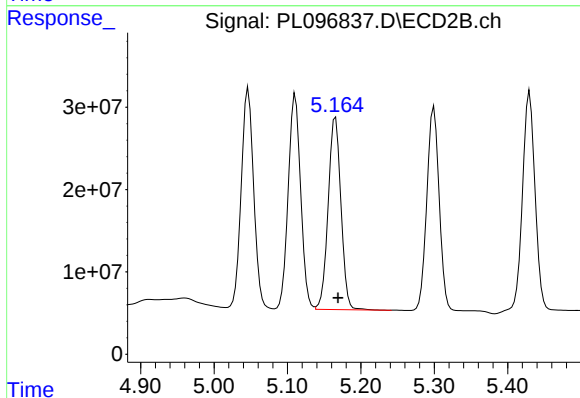
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 197468119
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

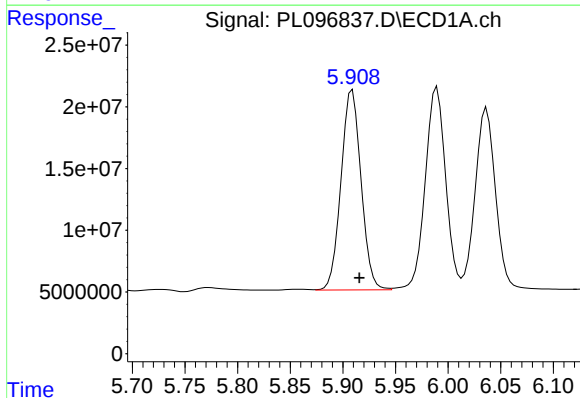
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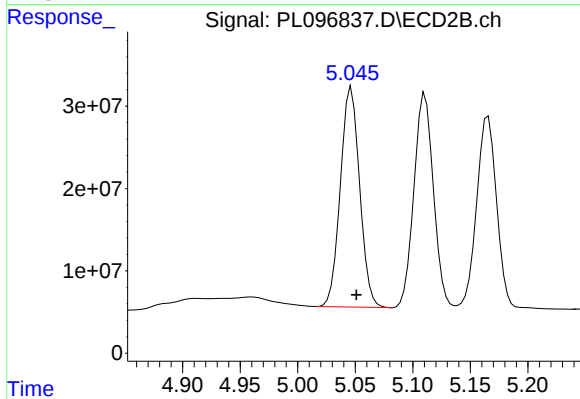
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 281834782
Conc: 50.95 ng/ml



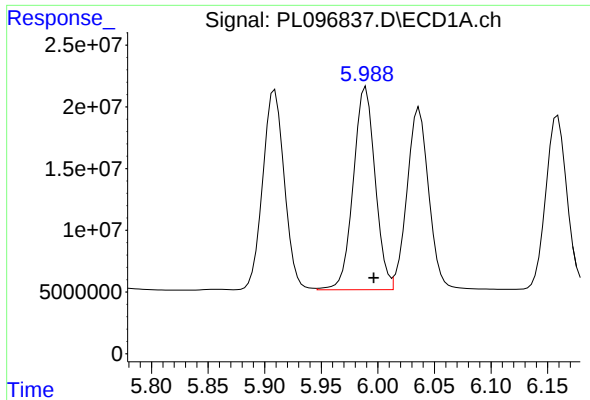
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 215486294
Conc: 56.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 312373777
Conc: 53.12 ng/ml



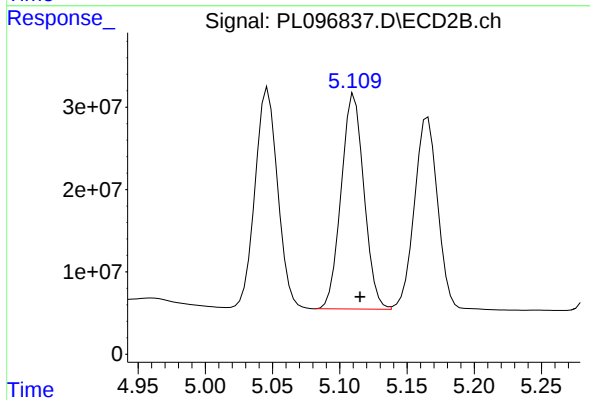
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 220831221
Conc: 57.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

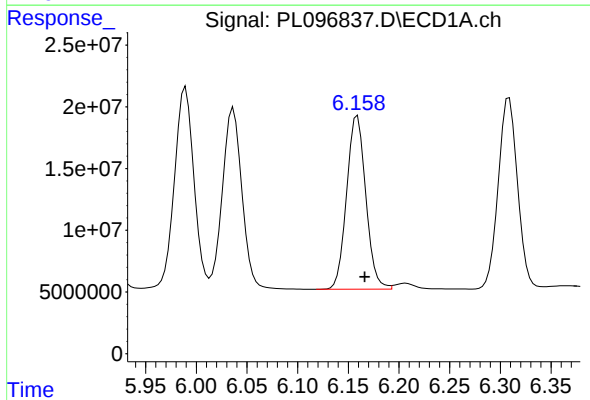
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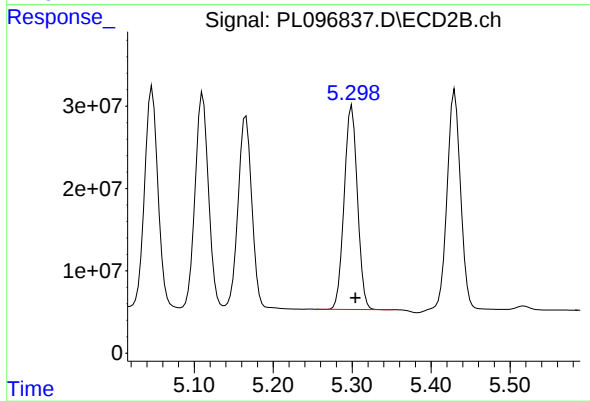
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 307264640
Conc: 52.09 ng/ml



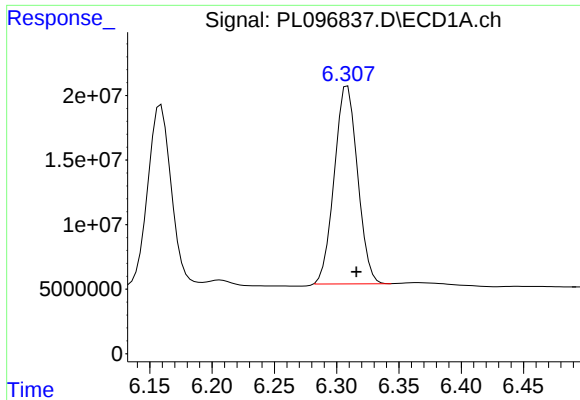
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 184929287
Conc: 57.59 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 289241221
Conc: 52.45 ng/ml



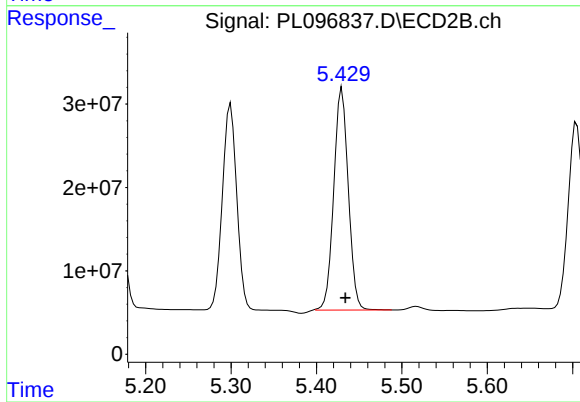
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.007 min
Response: 199375068
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

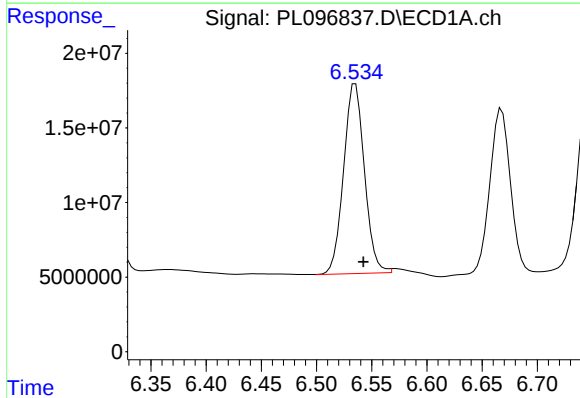
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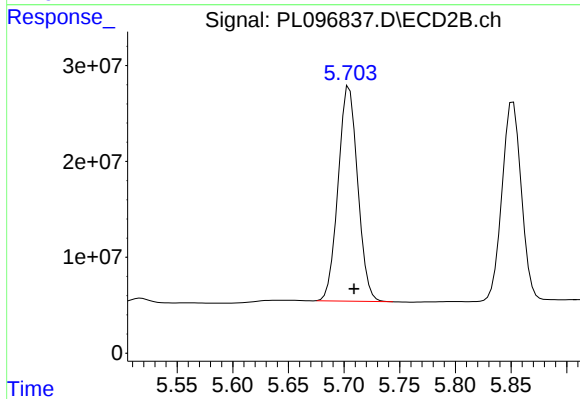
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 314921208
Conc: 53.32 ng/ml m



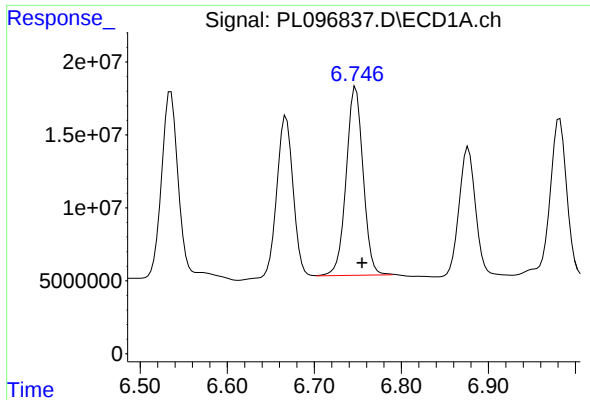
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.009 min
Response: 166998774
Conc: 55.17 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 274035427
Conc: 50.69 ng/ml



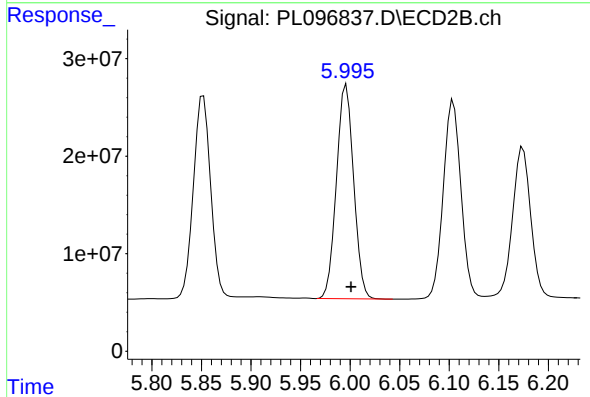
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 174328952
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

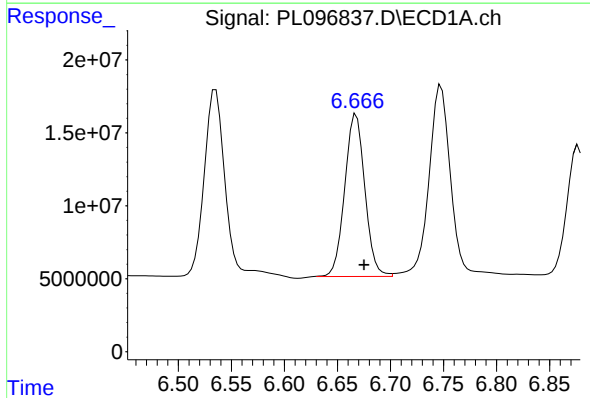
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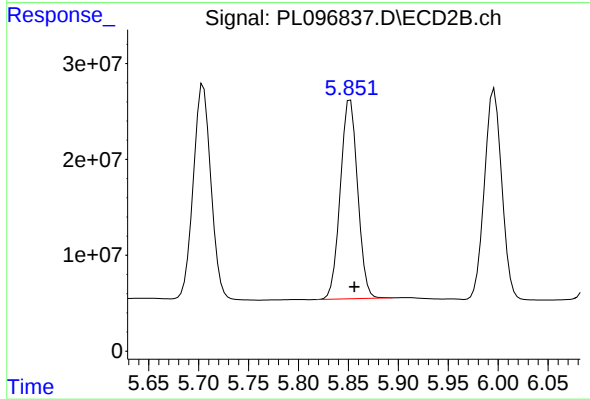
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 265206255
Conc: 51.63 ng/ml



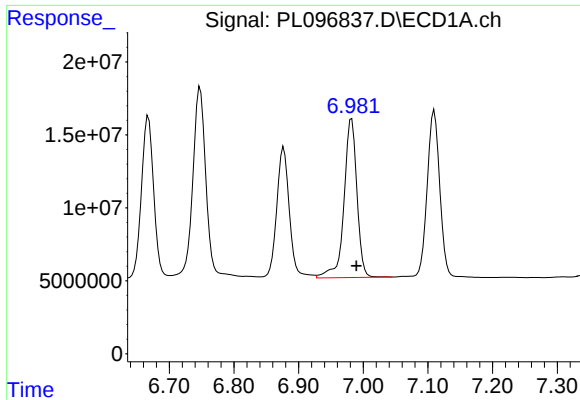
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: -0.009 min
Response: 146477846
Conc: 57.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 250949782
Conc: 53.33 ng/ml



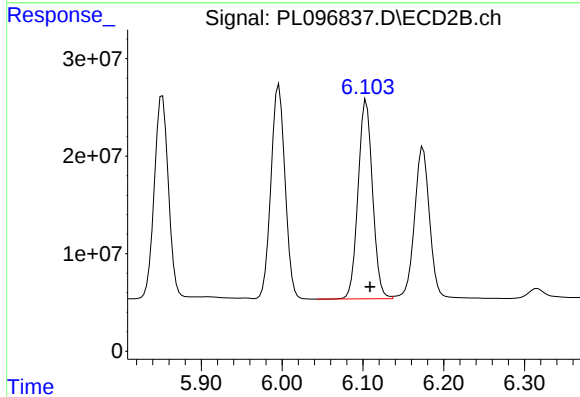
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 151544815
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

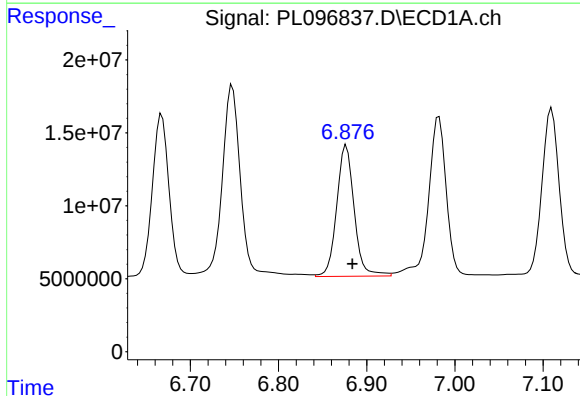
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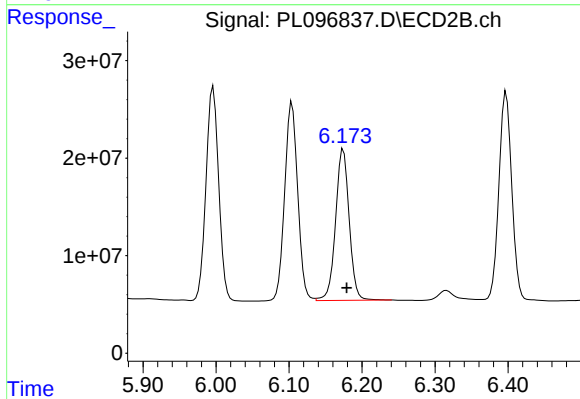
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 253232066
Conc: 50.06 ng/ml



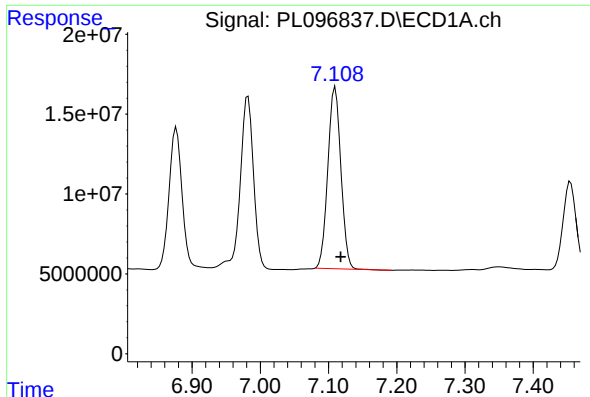
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 123866292
Conc: 57.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 201134186
Conc: 55.33 ng/ml



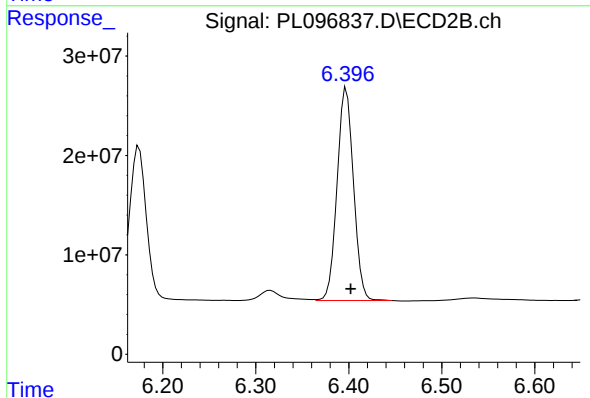
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 151078229
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

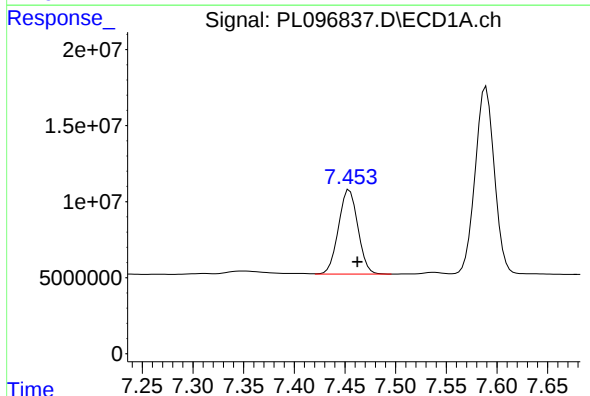
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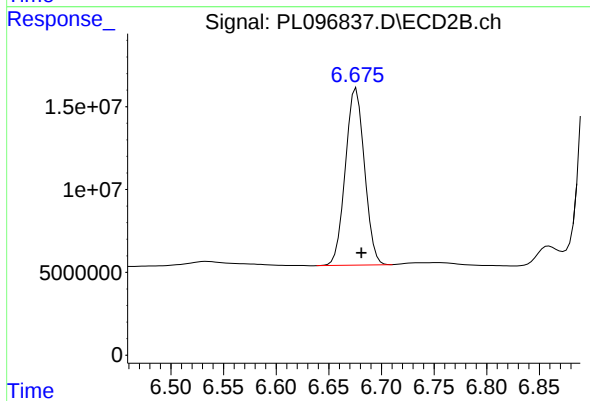
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 262456598
Conc: 51.60 ng/ml



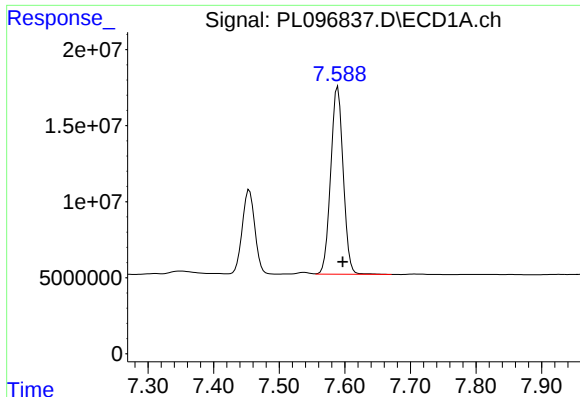
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: -0.008 min
Response: 73772766
Conc: 50.24 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 135355889
Conc: 49.39 ng/ml m



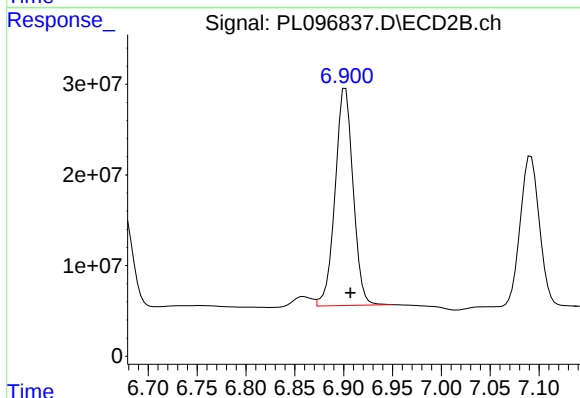
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 163226737
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

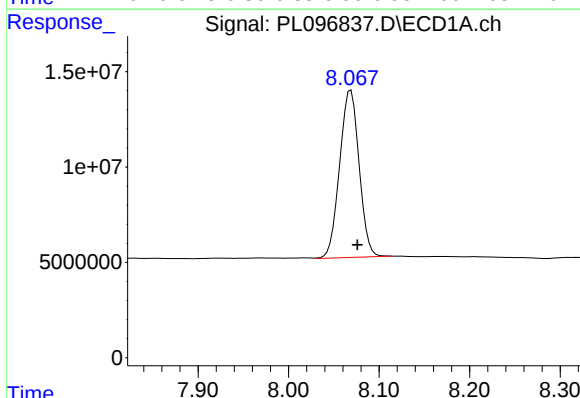
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025



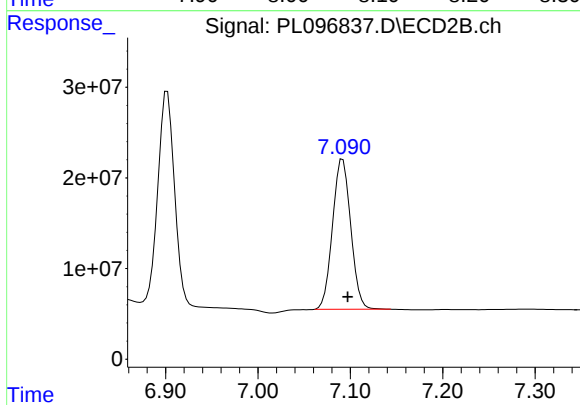
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 308375287
Conc: 55.37 ng/ml



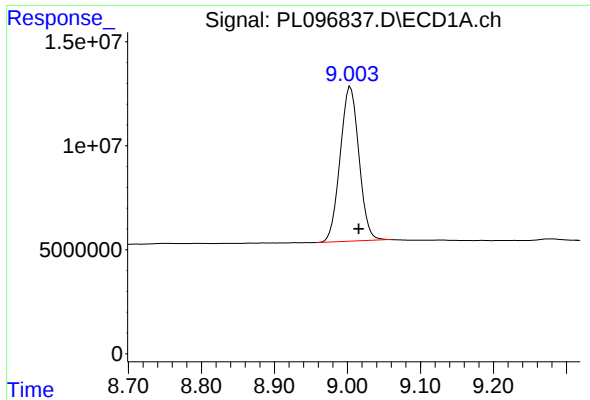
#22 Mirex

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 131031867
Conc: 52.85 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 227296194
Conc: 52.12 ng/ml



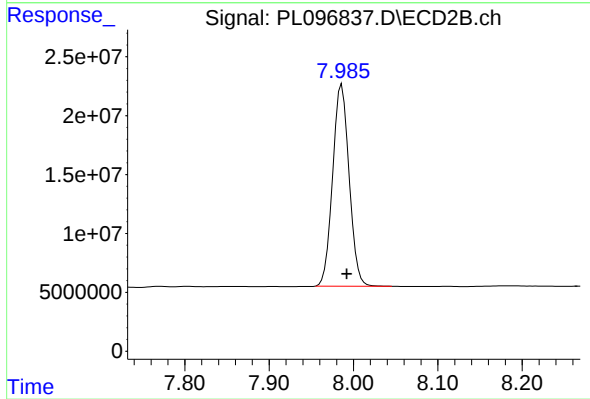
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 132614135
Conc: 55.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 232505562
Conc: 53.59 ng/ml