

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
 Data File : PL096939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 19:50
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL082025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/21/2025
 Supervised By : mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 06:37:40 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	2.825	202.0E6	285.4E6	51.213	50.639
28)	SA Decachlor...	9.003	7.986	147.7E6	241.6E6	49.881	50.388
Target Compounds							
2)	A alpha-BHC	3.976	3.330	302.3E6	426.7E6	52.166	51.966
3)	MA gamma-BHC...	4.304	3.662	284.1E6	391.9E6	52.011	53.205
4)	MA Heptachlor	4.896	4.010	277.4E6	389.3E6	52.017	51.740
5)	MB Aldrin	5.235	4.292	272.8E6	368.3E6	51.932	52.375
6)	B beta-BHC	4.491	3.958	116.7E6	166.7E6	51.046	51.102
7)	B delta-BHC	4.737	4.190	256.4E6	385.3E6	56.988	52.424
8)	B Heptachlo...	5.654	4.794	253.9E6	329.2E6	49.333	52.040
9)	A Endosulfan I	6.036	5.165	221.1E6	306.2E6	51.448	51.105
10)	B gamma-Chl...	5.907	5.046	242.8E6	343.0E6	52.730m	51.889
11)	B alpha-Chl...	5.988	5.110	240.7E6	336.1E6	51.139	51.466
12)	B 4,4'-DDE	6.159	5.299	206.2E6	321.2E6	51.670	52.194
13)	MA Dieldrin	6.308	5.430	235.3E6	340.4E6	51.823	51.947
14)	MA Endrin	6.535	5.704	184.2E6	299.0E6	49.195	50.618
15)	B Endosulfa...	6.748	5.996	208.2E6	293.6E6	47.265	51.336
16)	A 4,4'-DDD	6.668	5.851	166.8E6	274.6E6	52.870	52.581
17)	MA 4,4'-DDT	6.982	6.103	176.6E6	277.4E6	50.436	50.651
18)	B Endrin al...	6.876	6.174	133.9E6	215.0E6	51.470	51.875
19)	B Endosulfa...	7.109	6.397	177.2E6	285.4E6	51.609	50.929
20)	A Methoxychlor	7.454	6.675	85826221	149.9E6	49.453	49.981
21)	B Endrin ke...	7.589	6.901	185.8E6	320.7E6	52.266	51.244
22)	Mirex	8.068	7.091	151.1E6	247.3E6	50.487	50.924

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 19:50
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

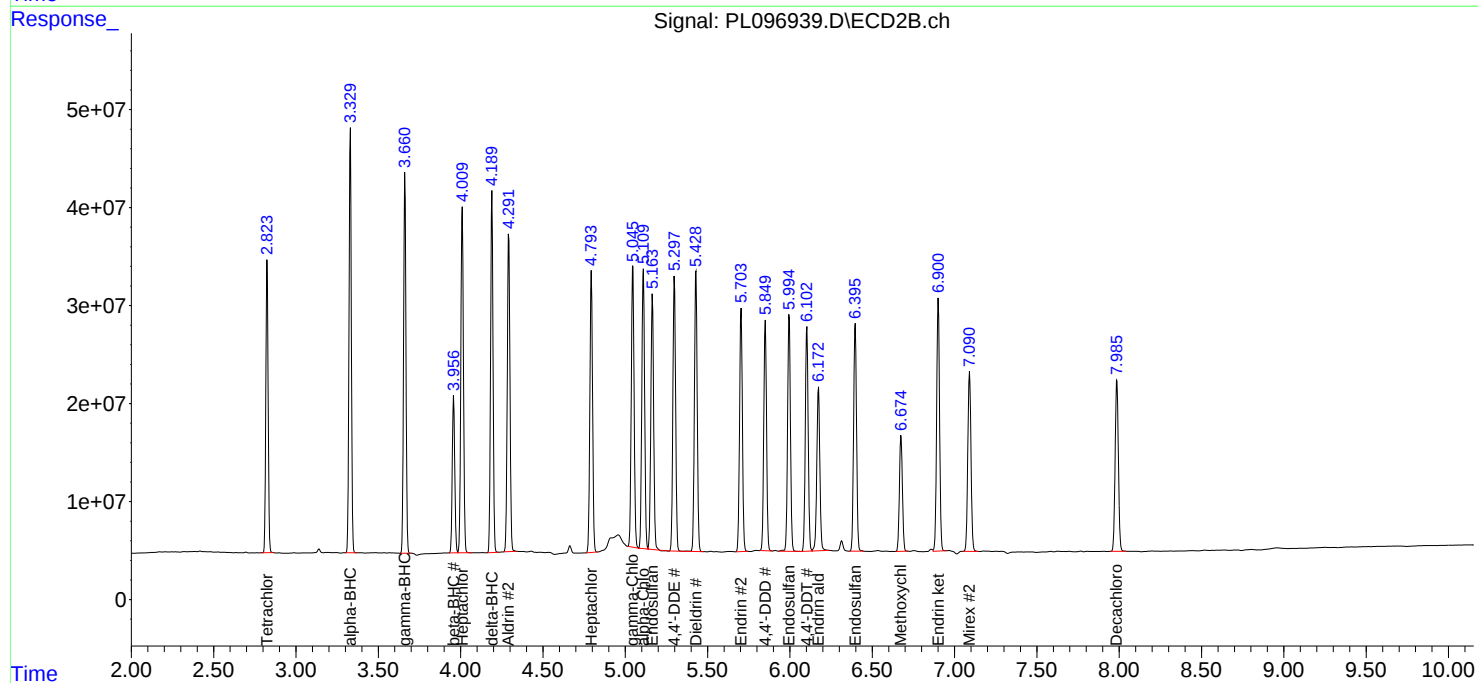
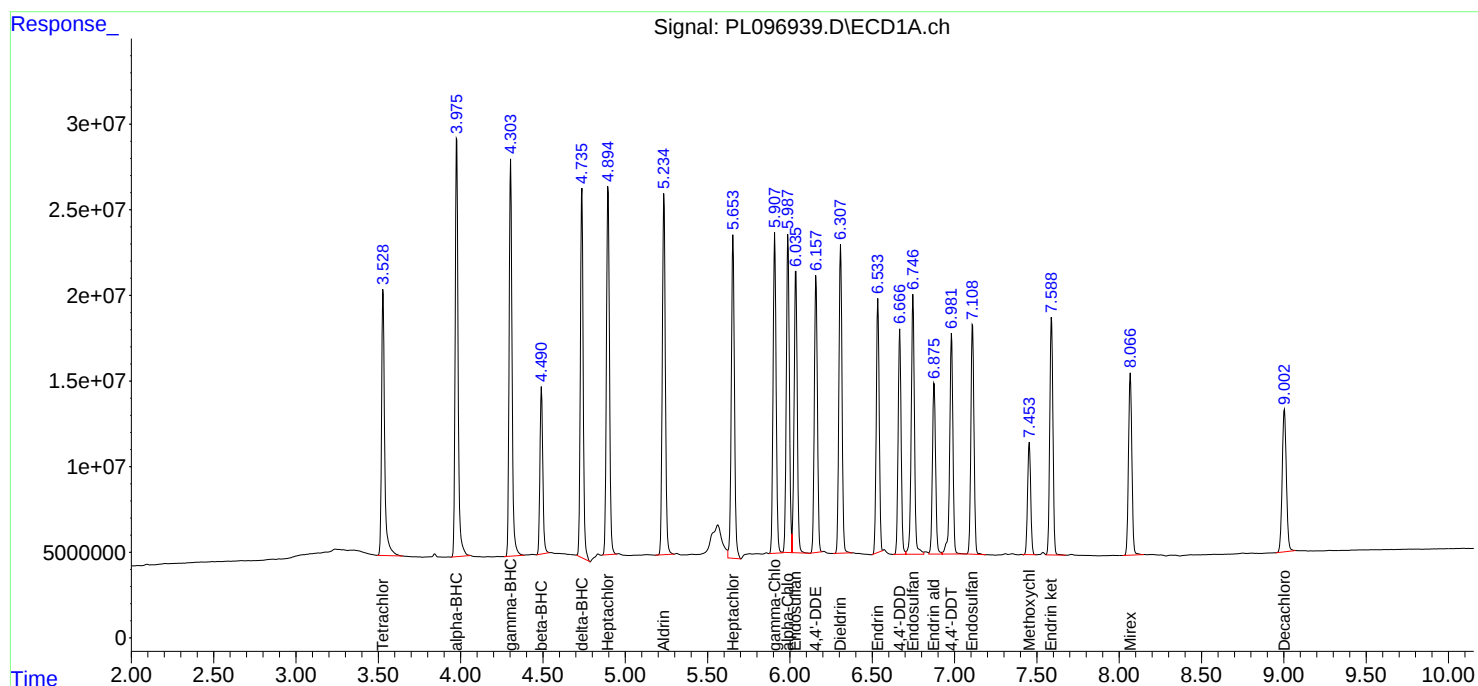
Instrument :
ECD_L
ClientSampleId :
ICVPL082025

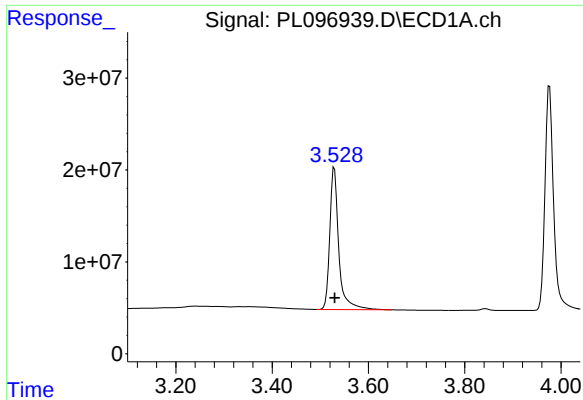
Manual Integrations
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Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 06:37:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 2025
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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.: 0.000 min
Response: 201978149
Conc: 51.21 ng/ml

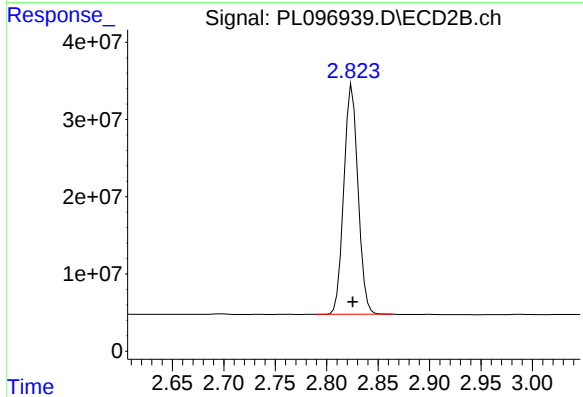
Instrument :

ECD_L

ClientSampleId :
ICVPL082025

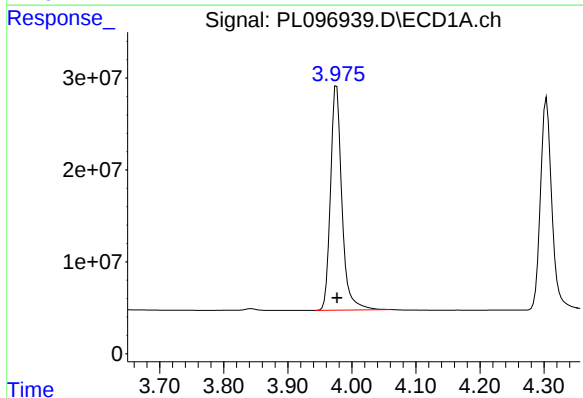
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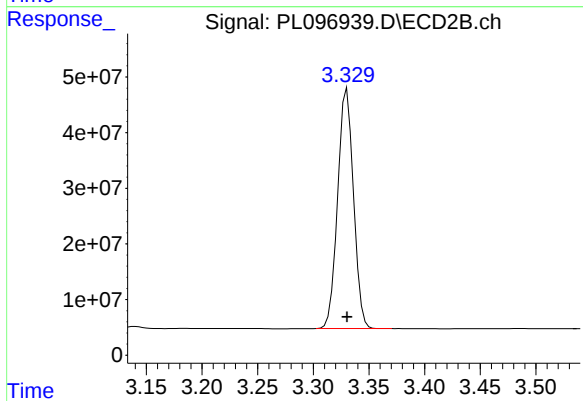
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 285435267
Conc: 50.64 ng/ml



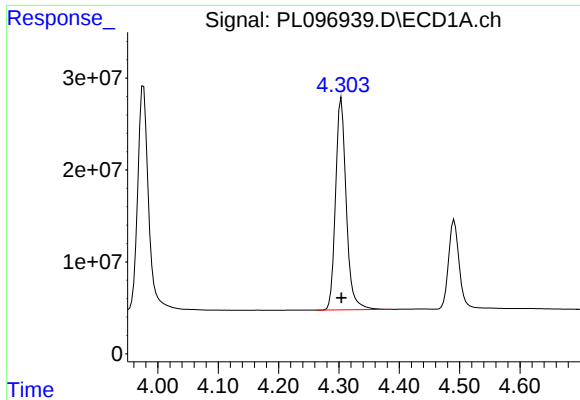
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.001 min
Response: 302251150
Conc: 52.17 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 426707550
Conc: 51.97 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 284074889
Conc: 52.01 ng/ml

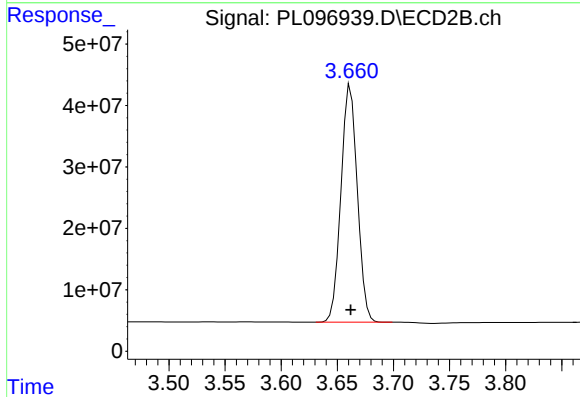
Instrument :

ECD_L

ClientSampleId :
ICVPL082025

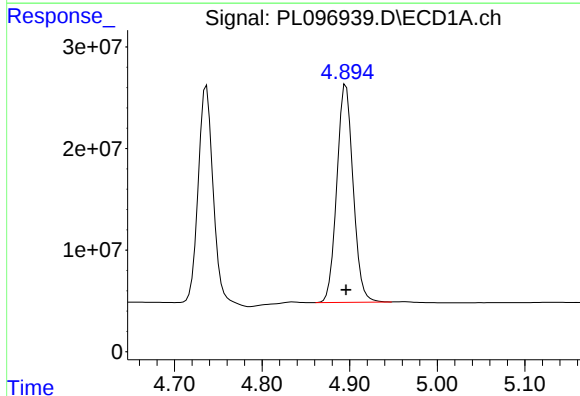
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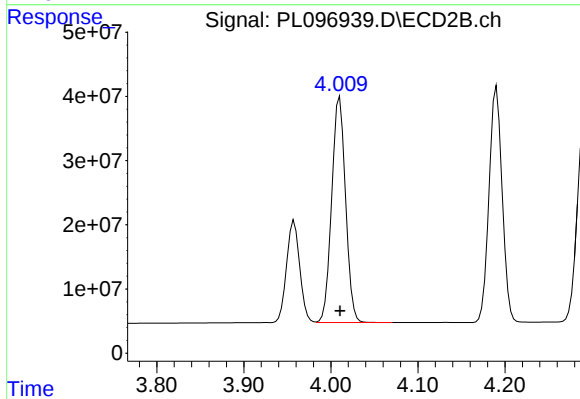
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 391937252
Conc: 53.21 ng/ml



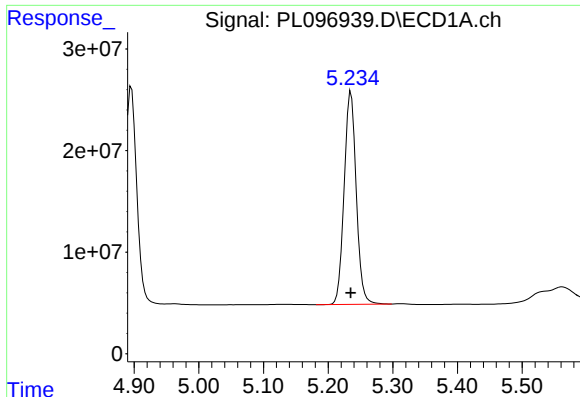
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 277370674
Conc: 52.02 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 389301194
Conc: 51.74 ng/ml



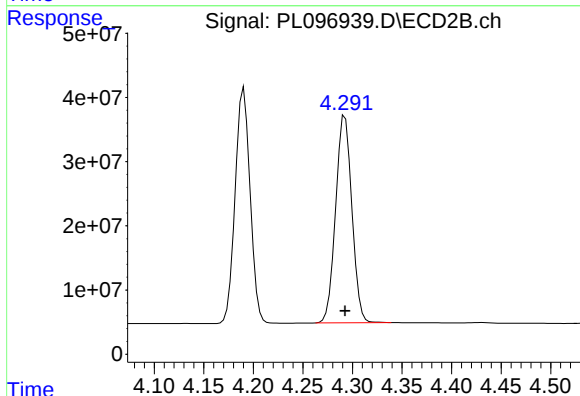
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 272823904
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

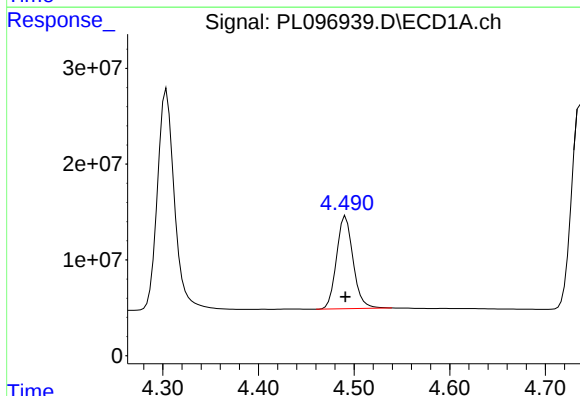
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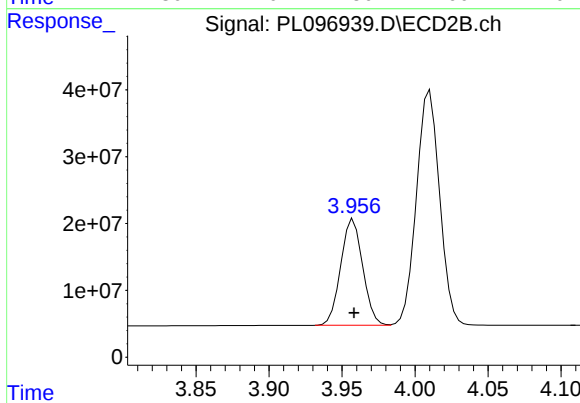
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 368345544
Conc: 52.38 ng/ml



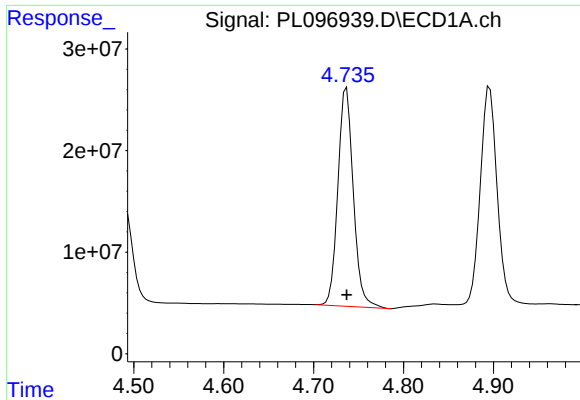
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 116743760
Conc: 51.05 ng/ml



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 166708895
Conc: 51.10 ng/ml



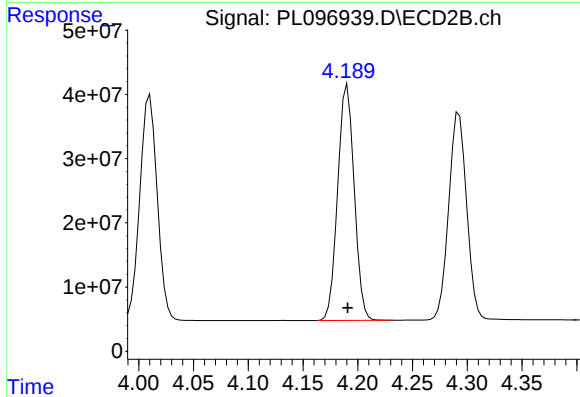
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 256442921
Conc: 56.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

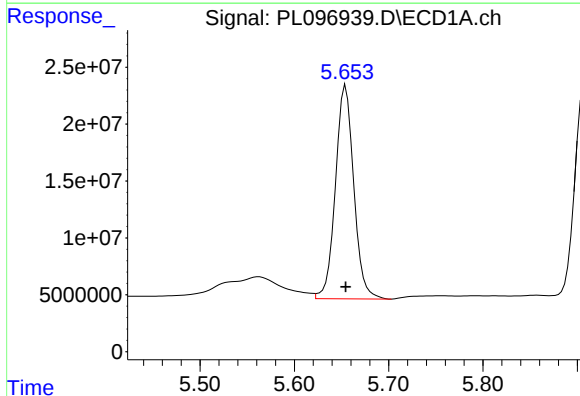
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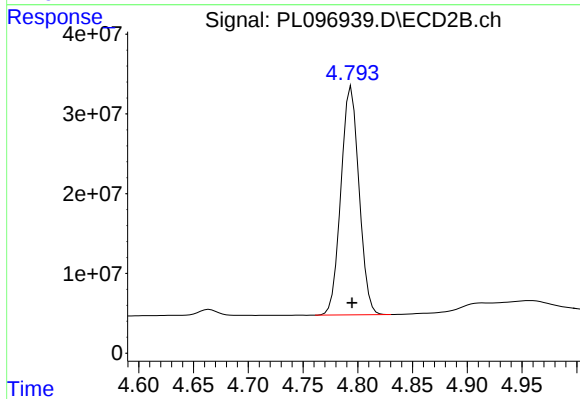
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 385252918
Conc: 52.42 ng/ml



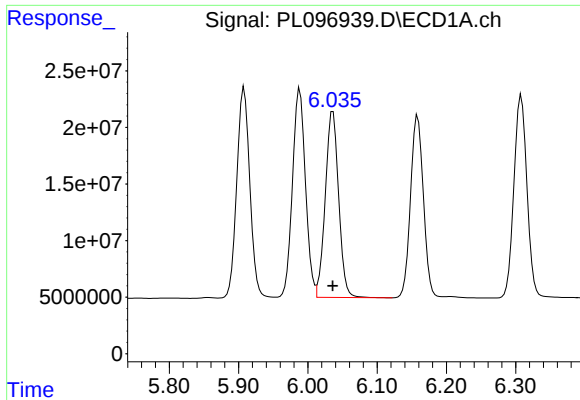
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 253857163
Conc: 49.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 329152693
Conc: 52.04 ng/ml



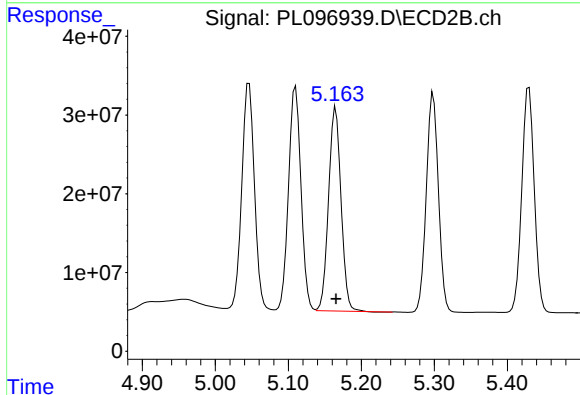
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 221063567
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

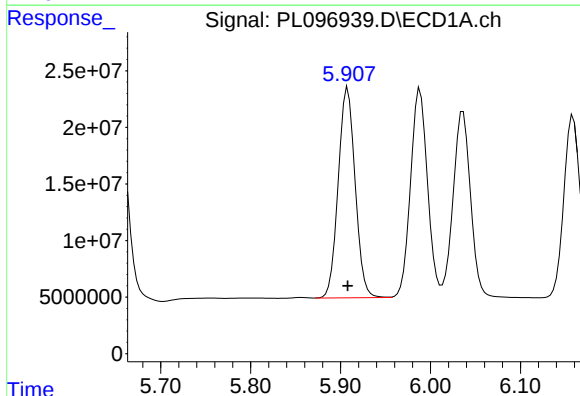
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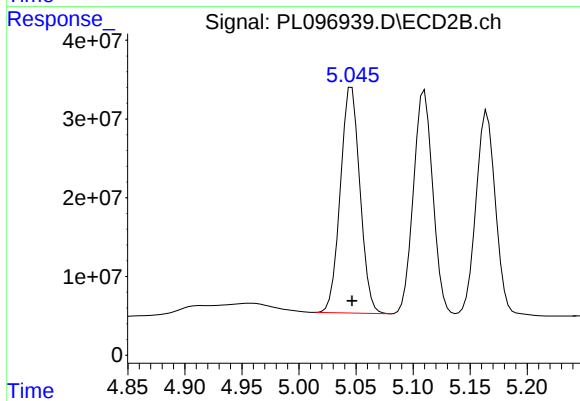
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 306184995
Conc: 51.10 ng/ml



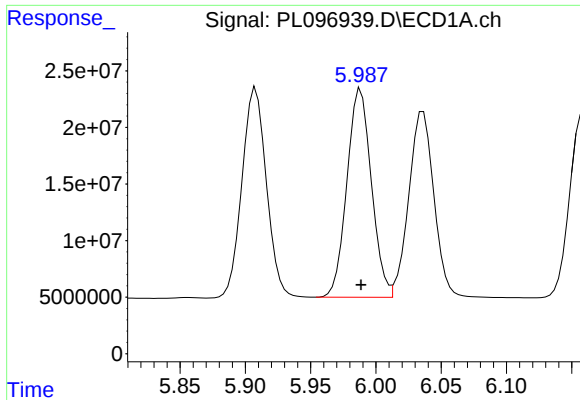
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 242845942
Conc: 52.73 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 343045170
Conc: 51.89 ng/ml



#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 240655647
Conc: 51.14 ng/ml

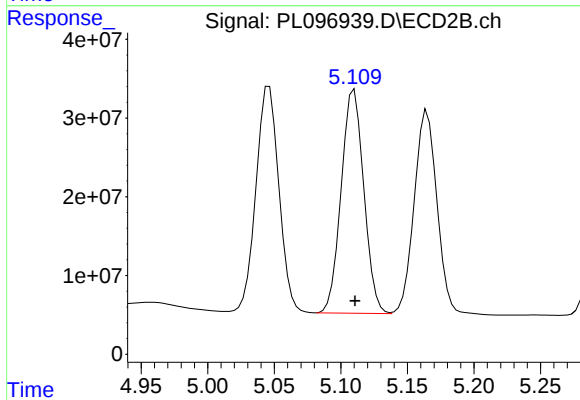
Instrument :

ECD_L

ClientSampleId :
ICVPL082025

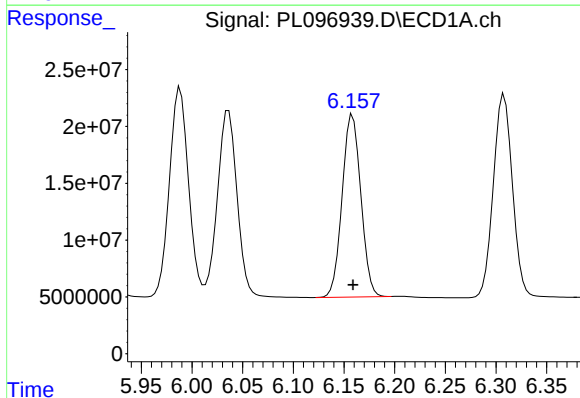
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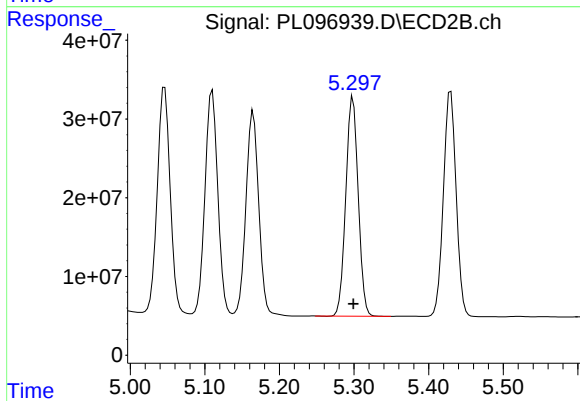
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 336061524
Conc: 51.47 ng/ml



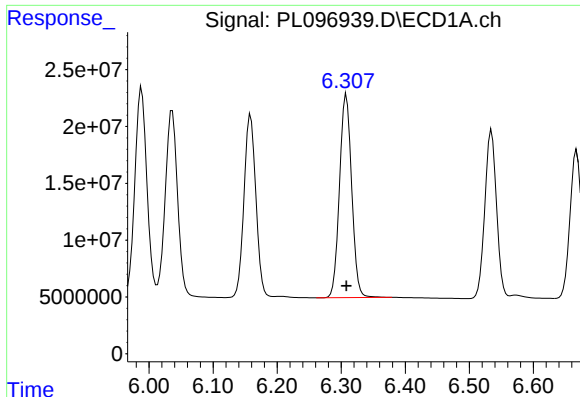
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 206171512
Conc: 51.67 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 321237941
Conc: 52.19 ng/ml



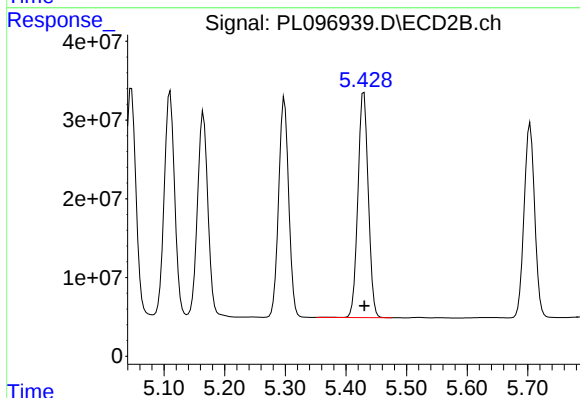
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 235318147
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

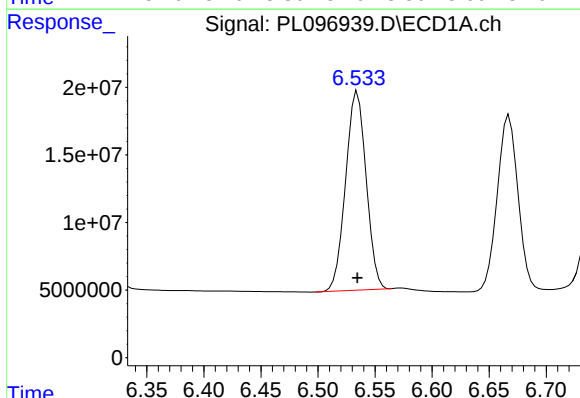
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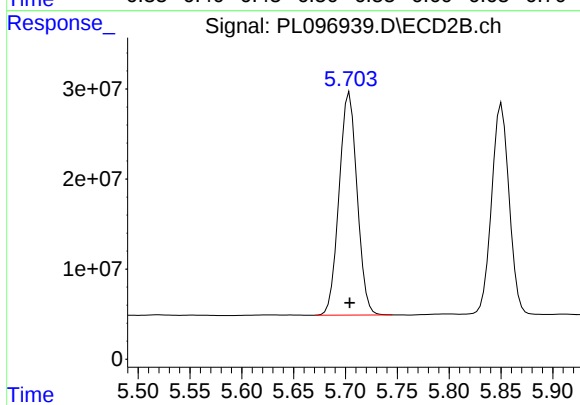
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 340411426
Conc: 51.95 ng/ml



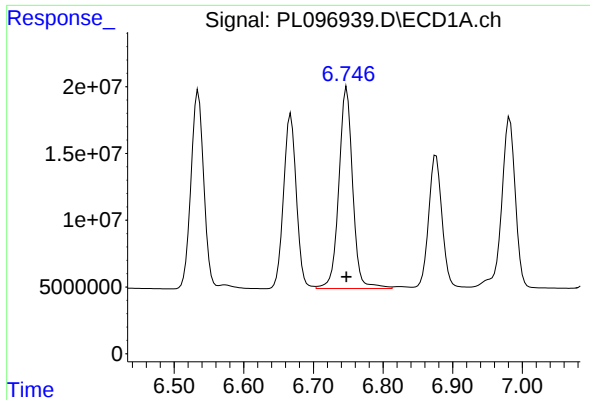
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 184228768
Conc: 49.19 ng/ml



#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 299010596
Conc: 50.62 ng/ml



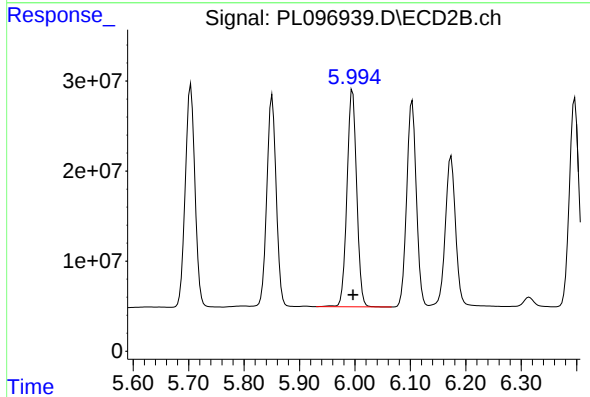
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 208206218
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

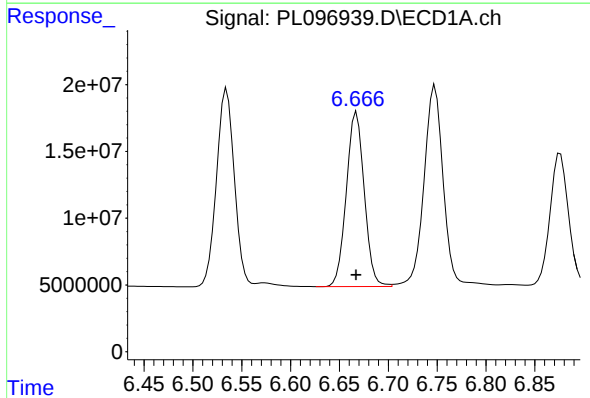
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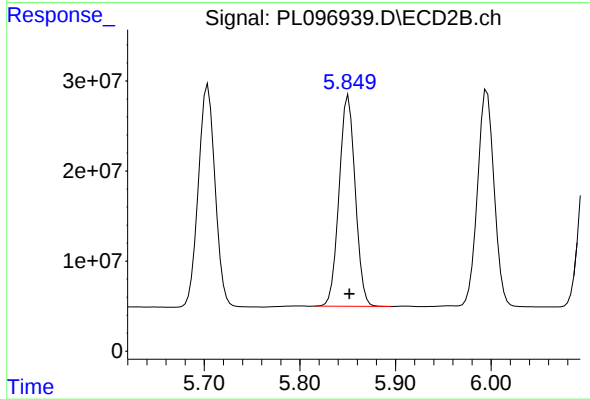
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 293578440
Conc: 51.34 ng/ml



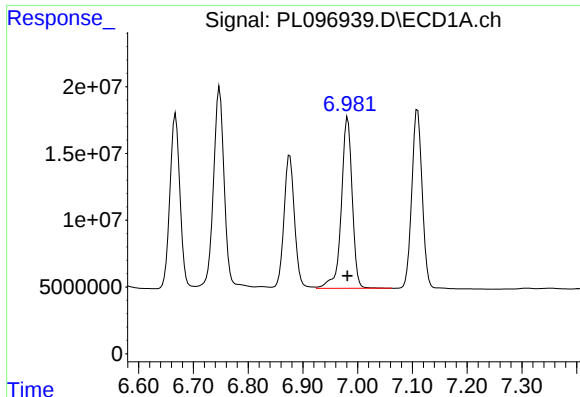
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 166848766
Conc: 52.87 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 274595489
Conc: 52.58 ng/ml



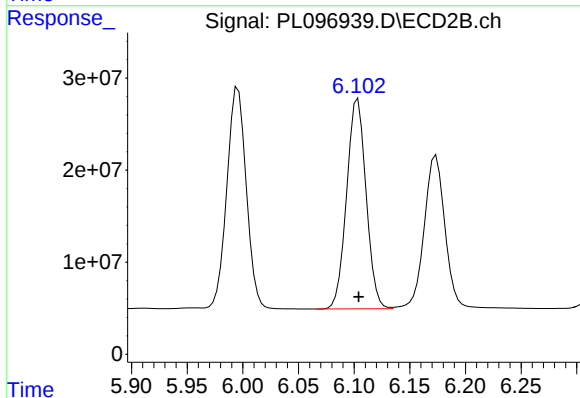
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 176649419
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

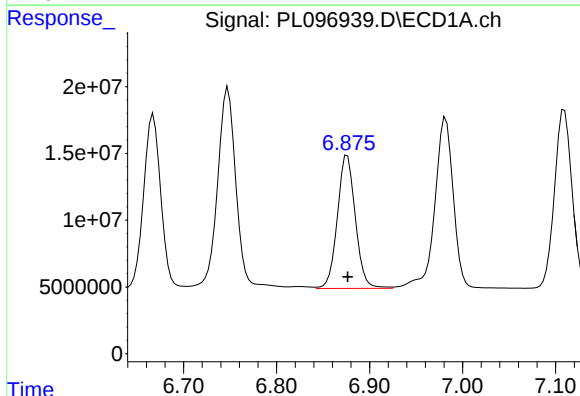
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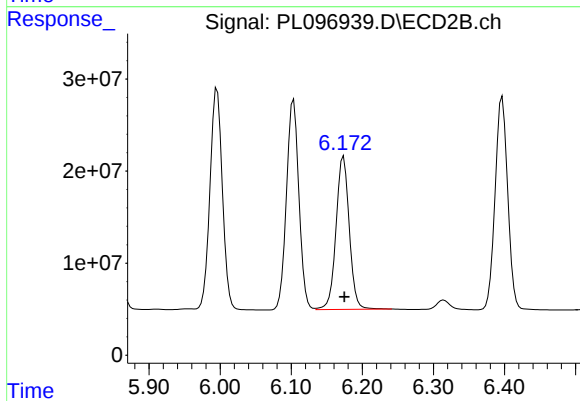
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 277426862
Conc: 50.65 ng/ml



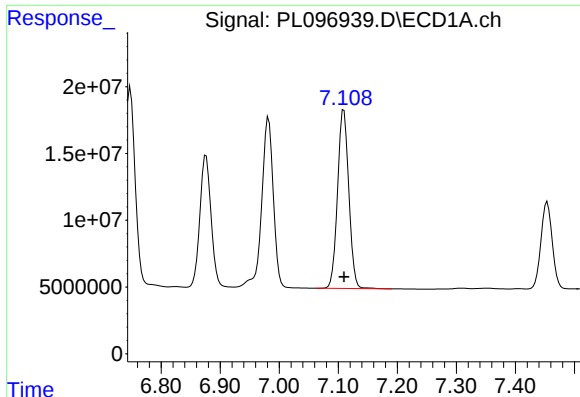
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 133895537
Conc: 51.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 214958305
Conc: 51.87 ng/ml



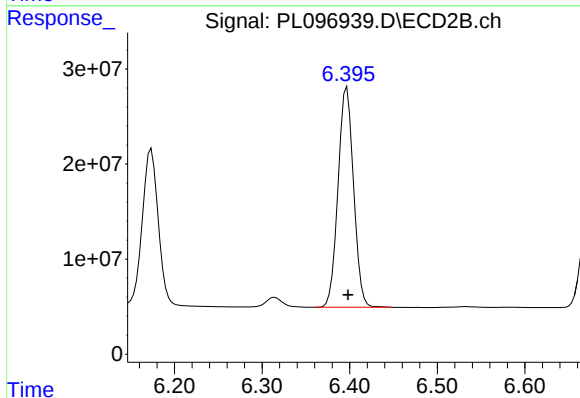
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 177193380
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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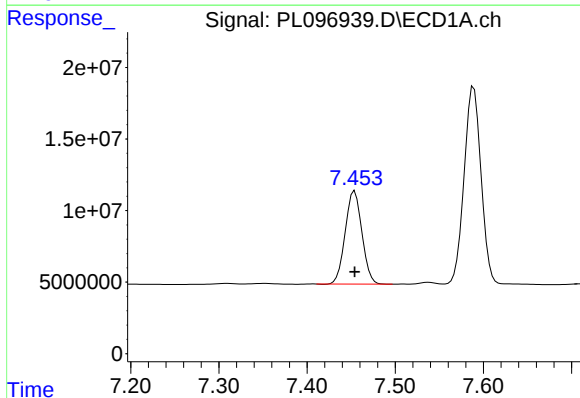
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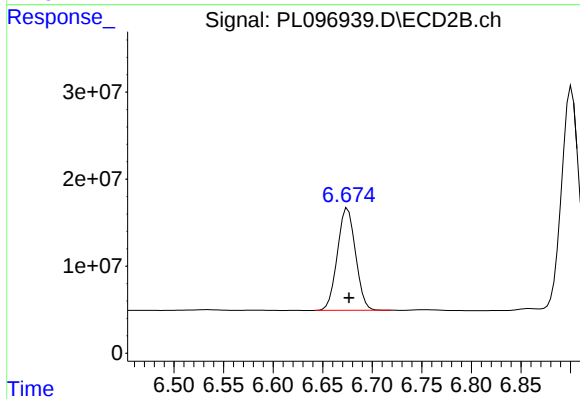
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.001 min
Response: 285355895
Conc: 50.93 ng/ml



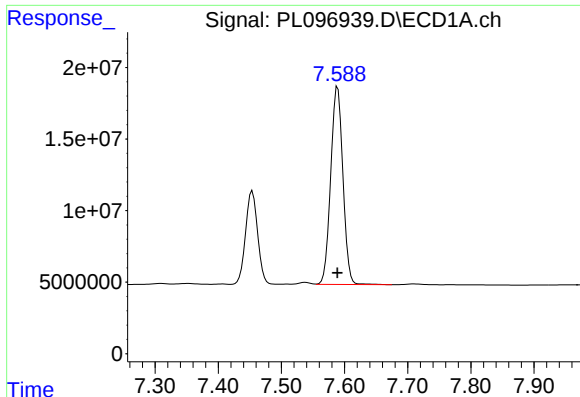
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 85826221
Conc: 49.45 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 149931073
Conc: 49.98 ng/ml



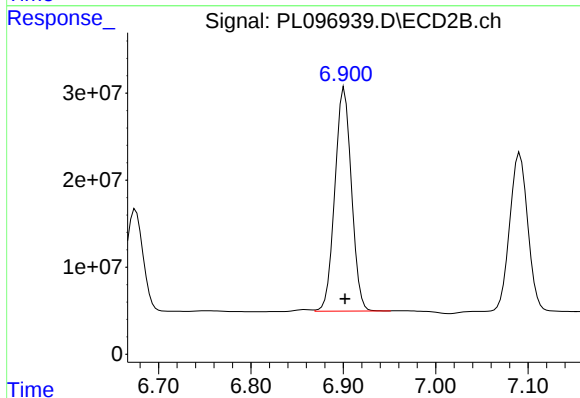
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 185820859
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

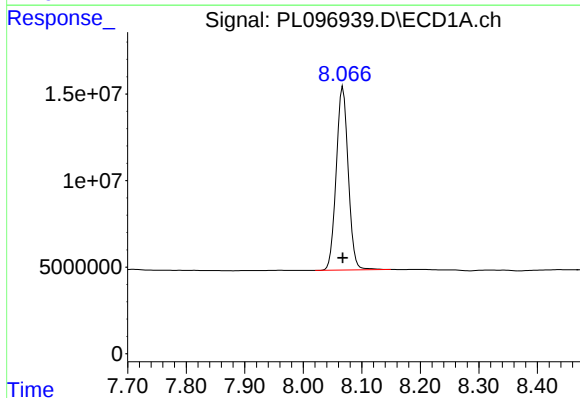
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



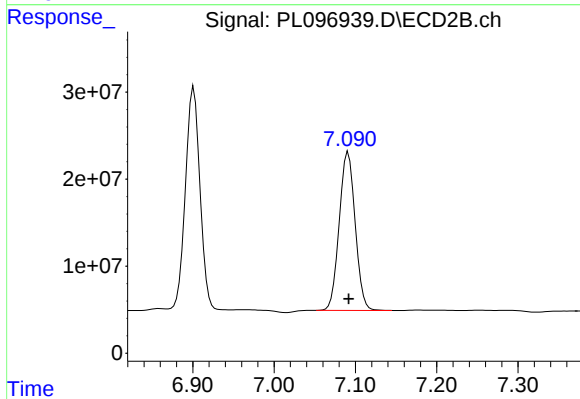
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 320735270
Conc: 51.24 ng/ml



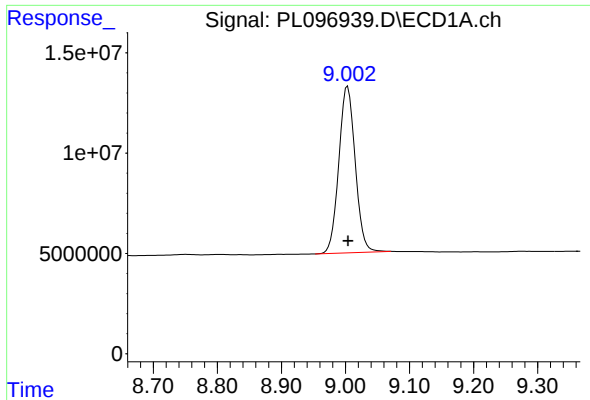
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 151051418
Conc: 50.49 ng/ml



#22 Mirex

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 247315100
Conc: 50.92 ng/ml



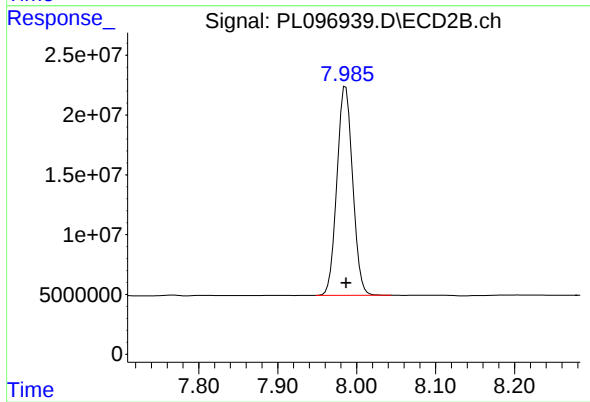
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: 0.000 min
Response: 147681994
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL082025

Manual Integrations
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Supervised By :mohammad ahmed 08/22/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 241648111
Conc: 50.39 ng/ml