

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 20:17
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL072825

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:47:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:20:04 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...	3.535	2.828	161.0E6	247.3E6	50.630	51.756
28)	SA Decachlor...	9.015	7.992	117.1E6	221.9E6	49.100	51.159
Target Compounds							
2)	A alpha-BHC	3.983	3.334	237.2E6	373.0E6	51.282	52.705
3)	MA gamma-BHC...	4.311	3.666	223.6E6	346.0E6	50.545	52.400
4)	MA Heptachlor	4.903	4.014	211.3E6	346.4E6	50.843	51.992
5)	MB Aldrin	5.243	4.297	215.6E6	324.1E6	50.122	52.220
6)	B beta-BHC	4.497	3.961	91859349	145.4E6	50.893	51.555
7)	B delta-BHC	4.742	4.195	202.5E6	338.7E6	50.758m	52.325
8)	B Heptachlo...	5.662	4.799	194.2E6	295.6E6	50.346	51.754
9)	A Endosulfan I	6.044	5.170	178.4E6	277.2E6	49.613	50.116
10)	B gamma-Chl...	5.916	5.051	193.4E6	305.7E6	50.837	51.997
11)	B alpha-Chl...	5.996	5.115	191.7E6	300.1E6	49.735	50.869
12)	B 4,4'-DDE	6.166	5.304	158.1E6	286.3E6	49.223	51.924
13)	MA Dieldrin	6.316	5.435	186.8E6	306.3E6	50.341	51.858
14)	MA Endrin	6.543	5.709	147.3E6	272.8E6	48.674	50.462
15)	B Endosulfa...	6.755	6.001	158.8E6	265.2E6	49.582	51.632
16)	A 4,4'-DDD	6.675	5.856	126.9E6	242.0E6	50.209	51.423
17)	MA 4,4'-DDT	6.989	6.109	144.5E6	261.7E6	50.400	51.730
18)	B Endrin al...	6.883	6.179	108.5E6	197.4E6	50.570	53.386
19)	B Endosulfa...	7.117	6.402	143.9E6	262.8E6	50.068	51.670
20)	A Methoxychlor	7.462	6.681	74330342	140.5E6	50.622	51.276
21)	B Endrin ke...	7.597	6.907	153.3E6	289.7E6	50.977	52.006
22)	Mirex	8.076	7.097	123.5E6	221.2E6	49.793	50.730

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 20:17
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

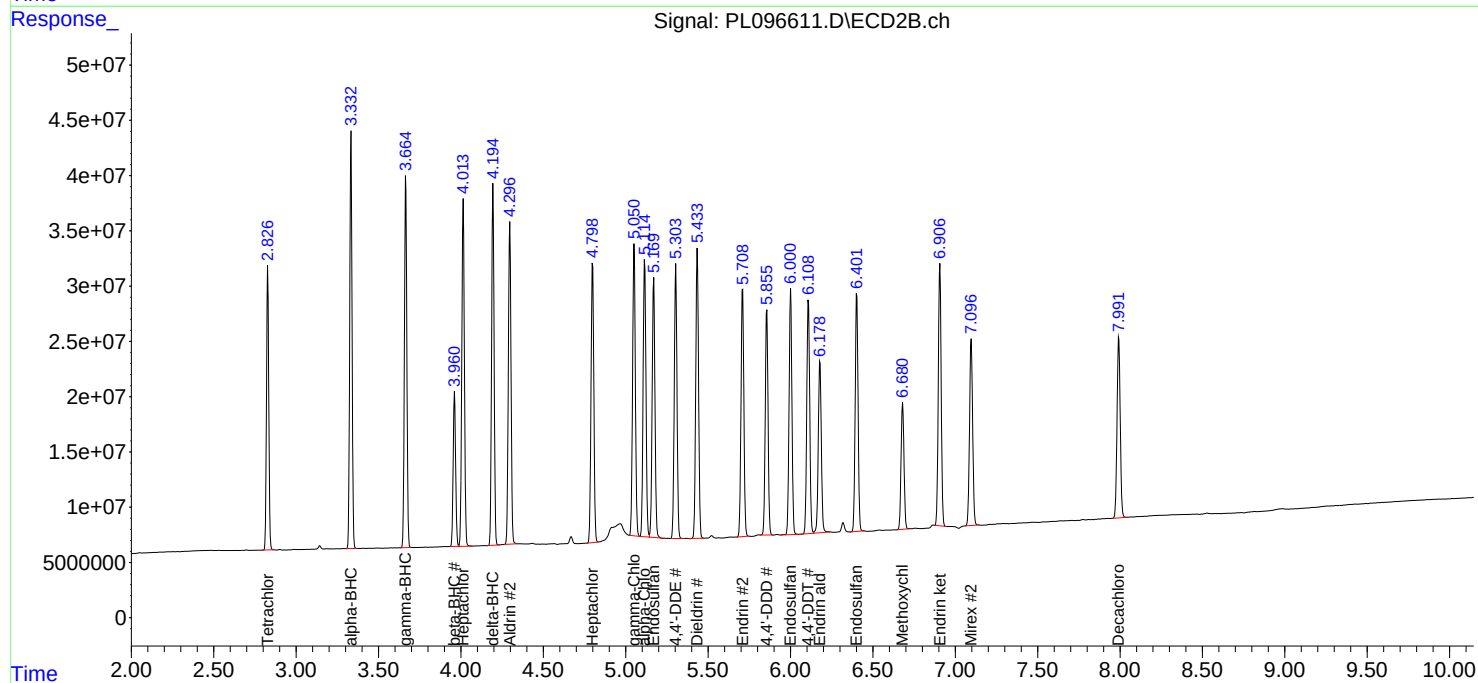
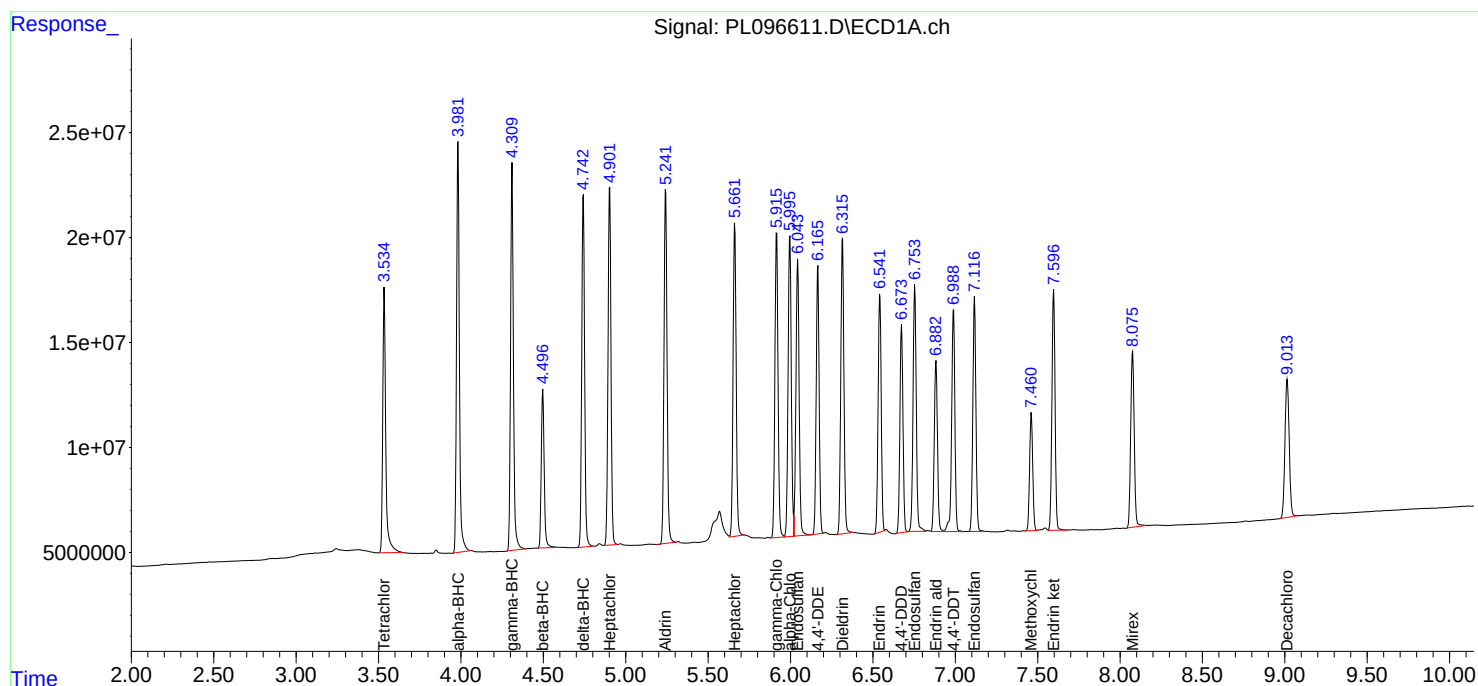
Instrument :
ECD_L
ClientSampleId :
ICVPL072825

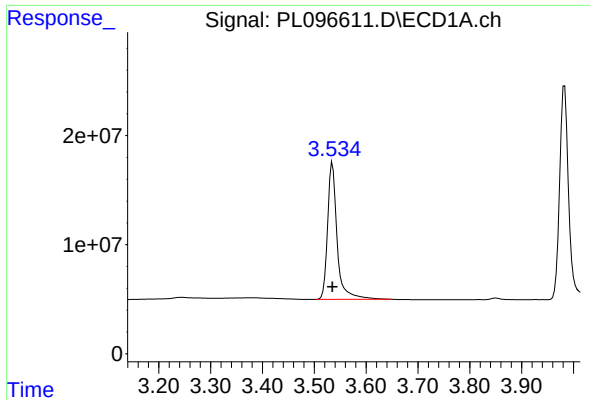
Manual Integrations
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Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:47:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:20:04 2025
Response via : Initial Calibration
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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





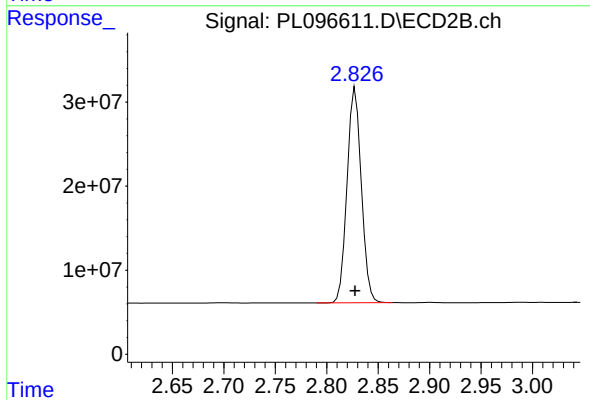
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 161043183
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

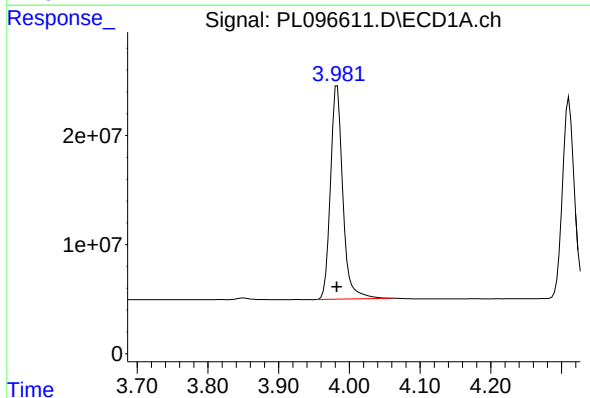
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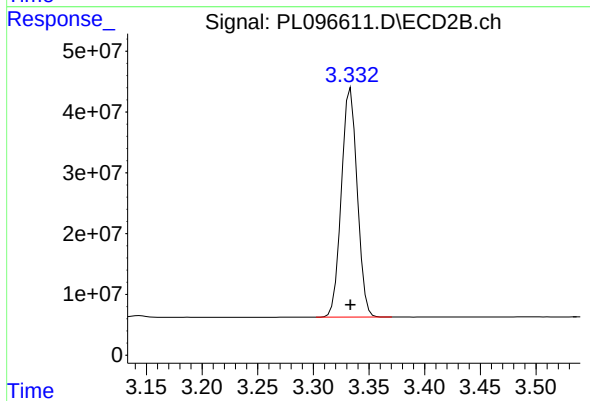
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 247278851
Conc: 51.76 ng/ml



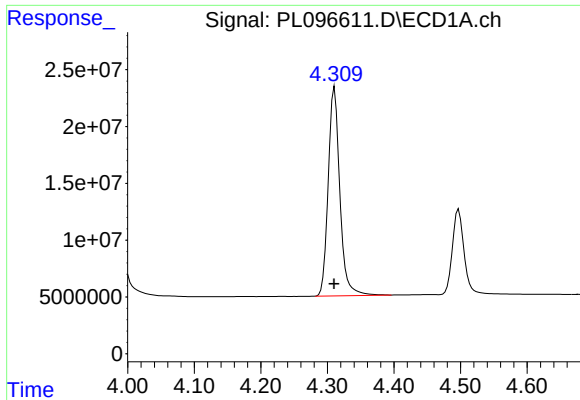
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 237249143
Conc: 51.28 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 372995453
Conc: 52.71 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 223584100
Conc: 50.55 ng/ml

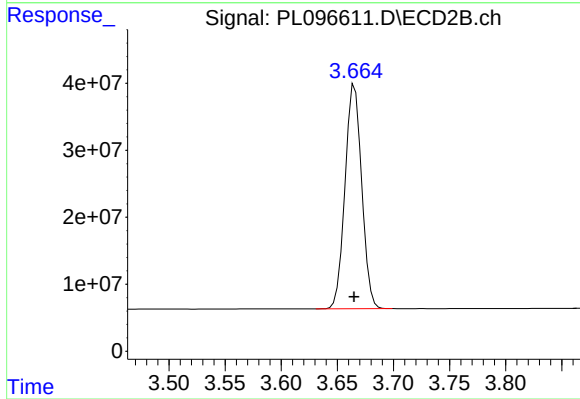
Instrument :

ECD_L

ClientSampleId :
ICVPL072825

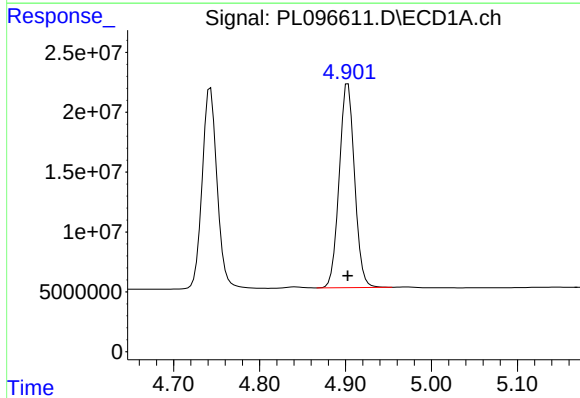
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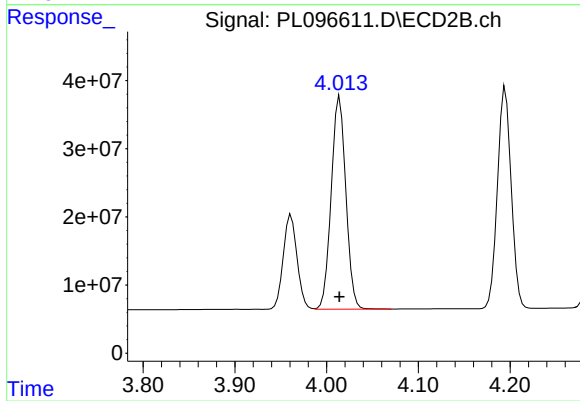
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 346014885
Conc: 52.40 ng/ml



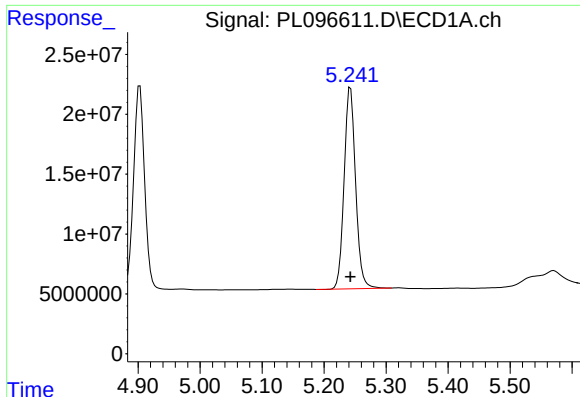
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 211285693
Conc: 50.84 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 346369326
Conc: 51.99 ng/ml



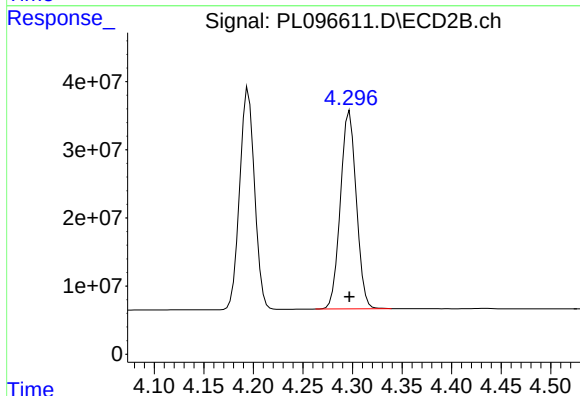
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 215573068
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

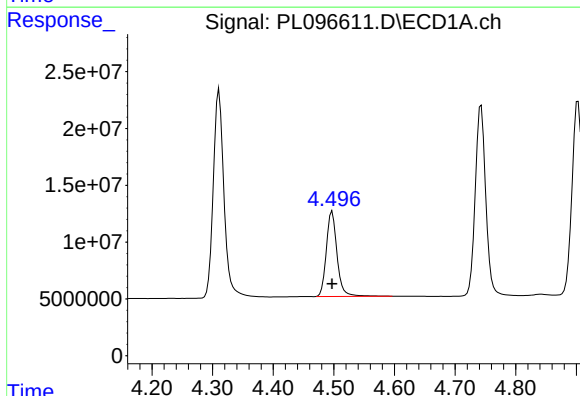
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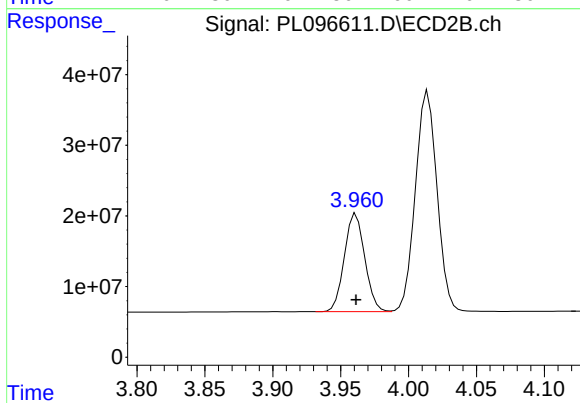
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 324132499
Conc: 52.22 ng/ml



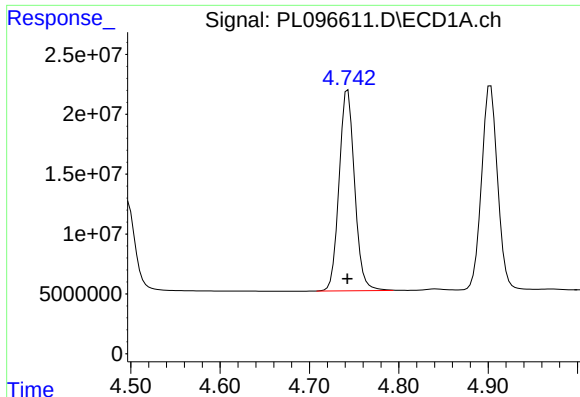
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 91859349
Conc: 50.89 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 145431130
Conc: 51.55 ng/ml



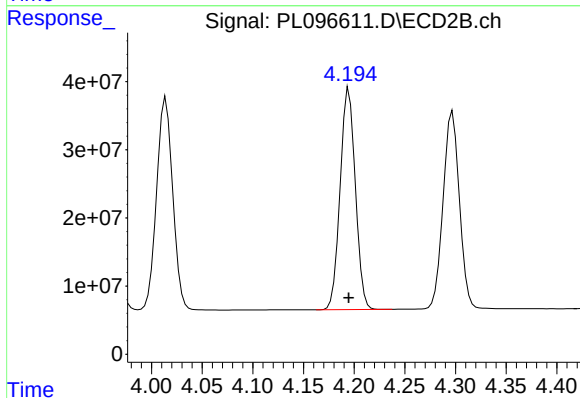
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 202516027
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

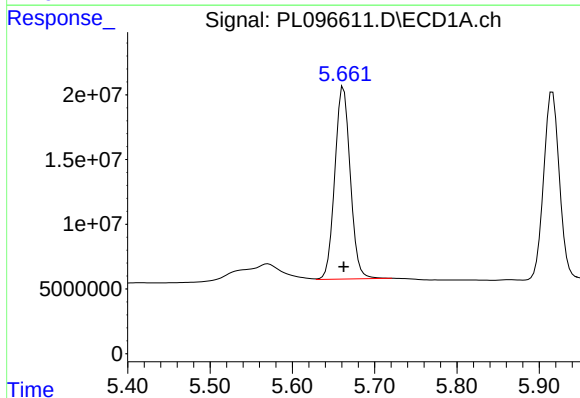
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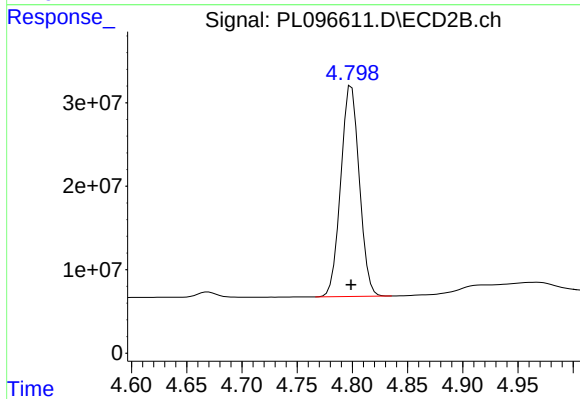
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 338731728
Conc: 52.32 ng/ml



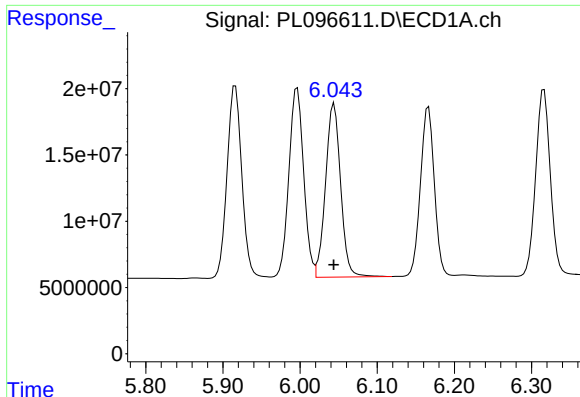
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 194162959
Conc: 50.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 295584103
Conc: 51.75 ng/ml



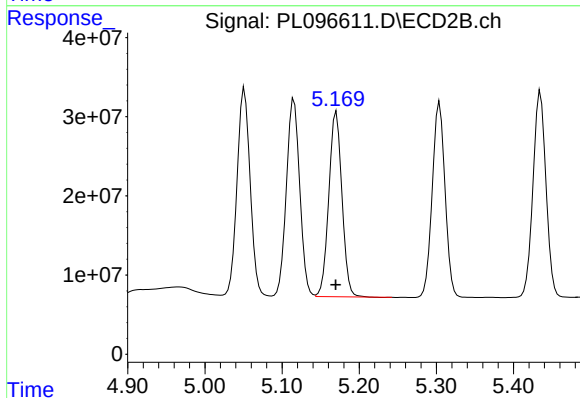
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 178427332
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

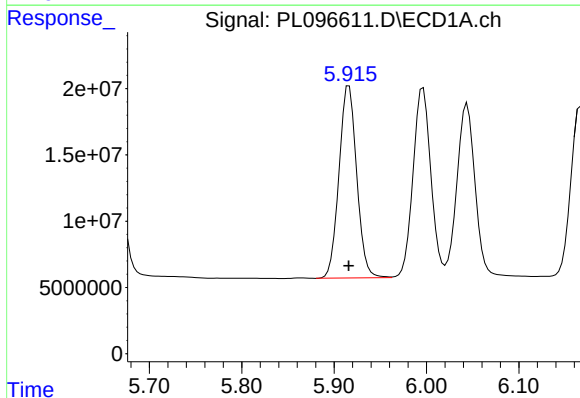
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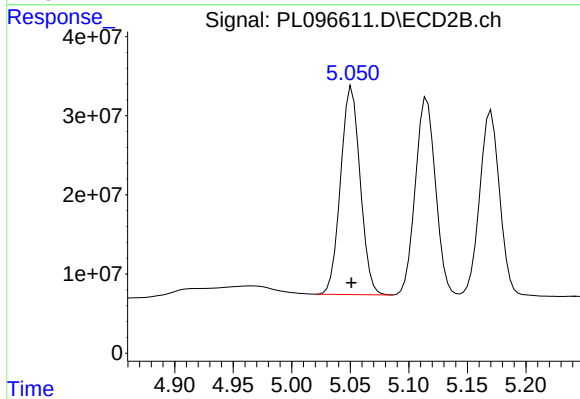
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 277213283
Conc: 50.12 ng/ml



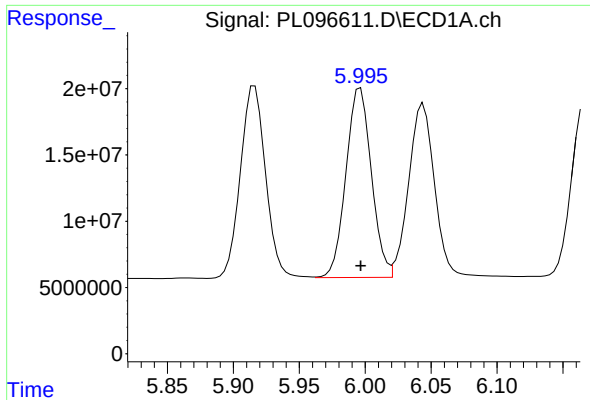
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 193445906
Conc: 50.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 305748780
Conc: 52.00 ng/ml



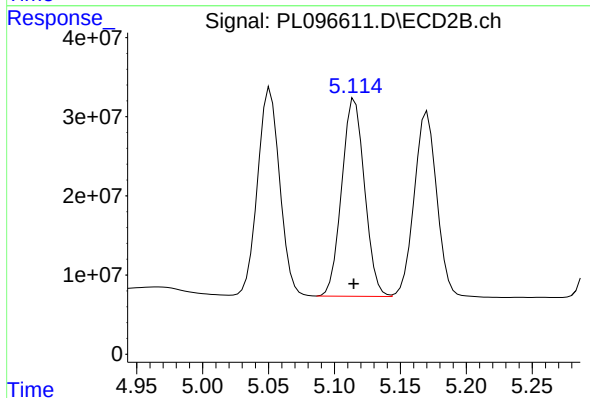
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 191709507
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

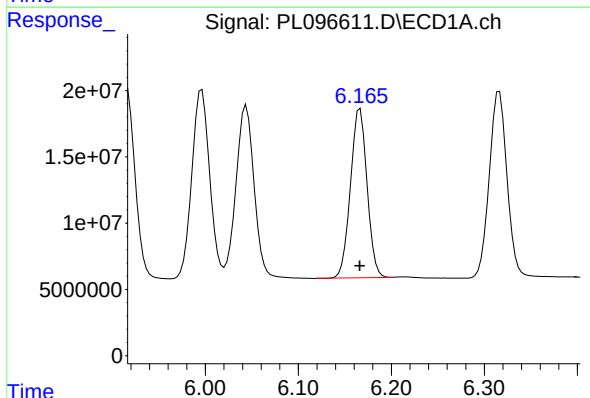
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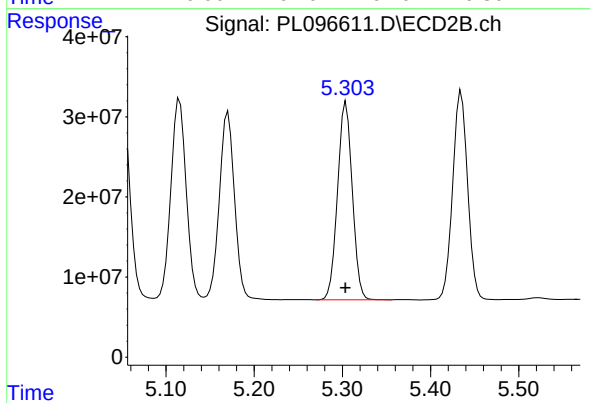
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 300071767
Conc: 50.87 ng/ml



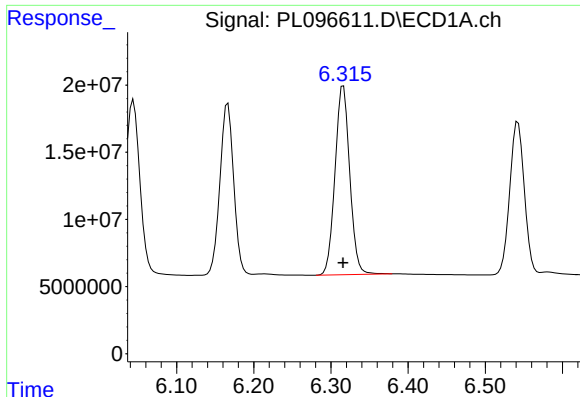
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 158068181
Conc: 49.22 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 286332408
Conc: 51.92 ng/ml



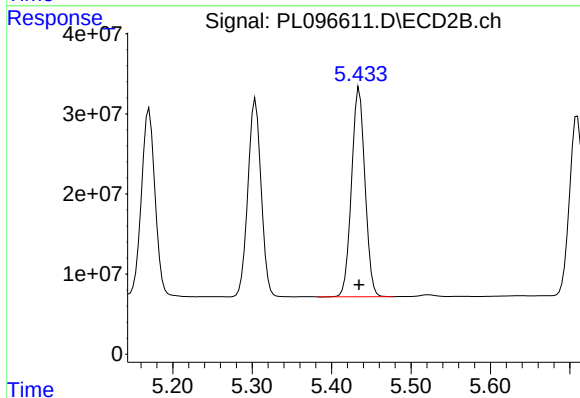
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 186821697
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

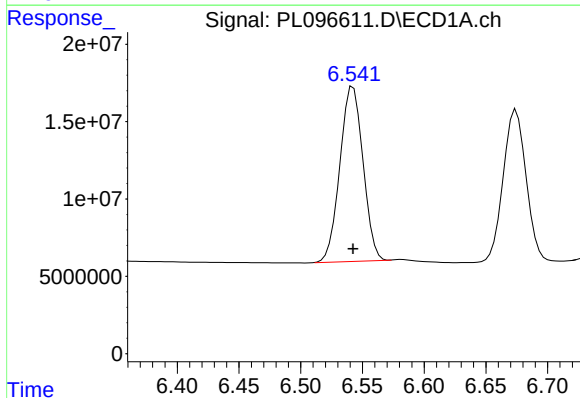
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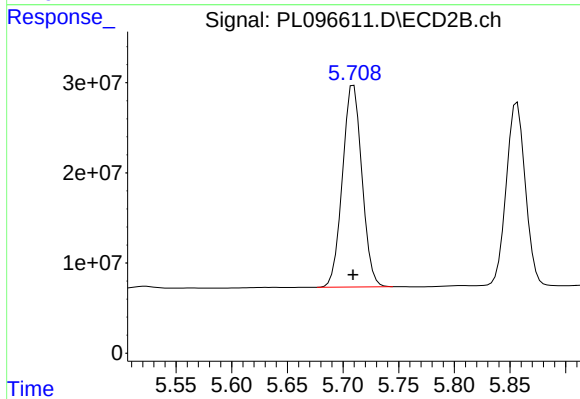
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 306303510
Conc: 51.86 ng/ml



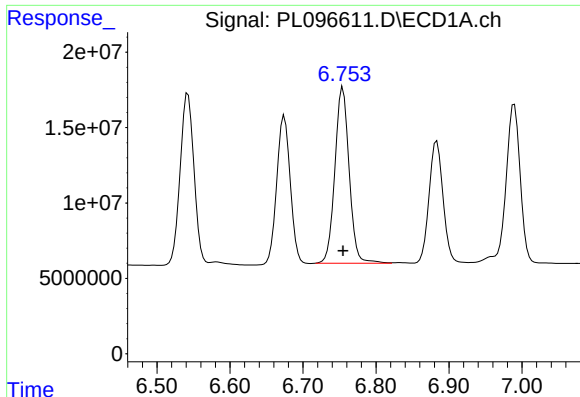
#14 Endrin

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 147327440
Conc: 48.67 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 272795312
Conc: 50.46 ng/ml



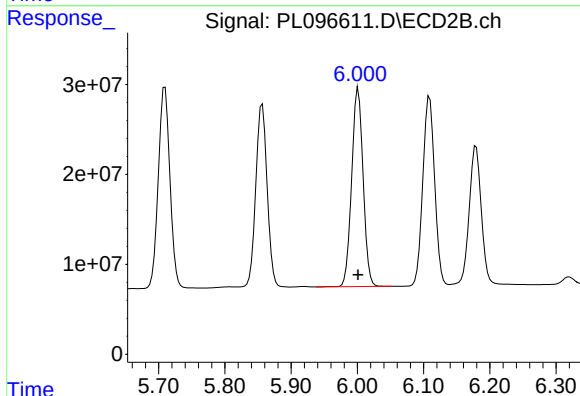
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 158792104
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

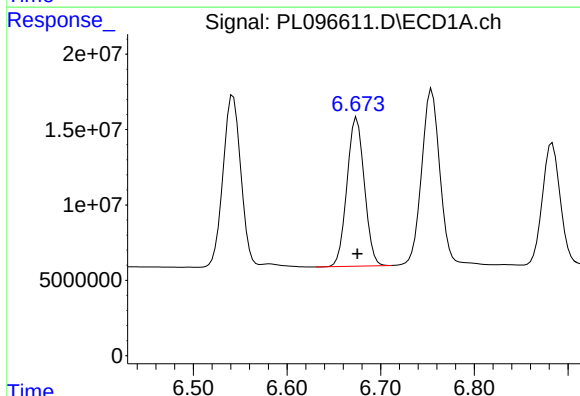
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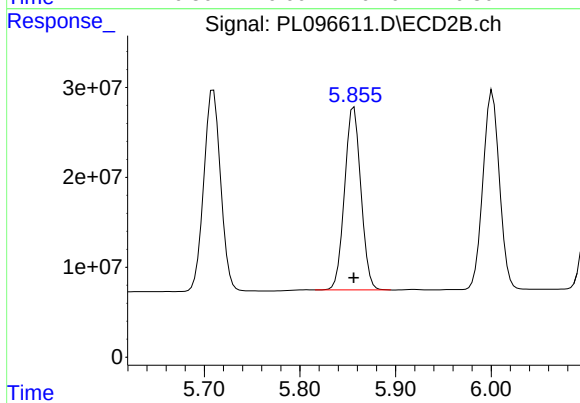
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 265195055
Conc: 51.63 ng/ml



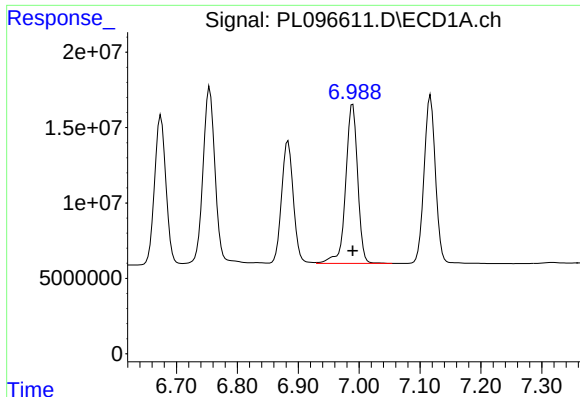
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 126947170
Conc: 50.21 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 241958902
Conc: 51.42 ng/ml



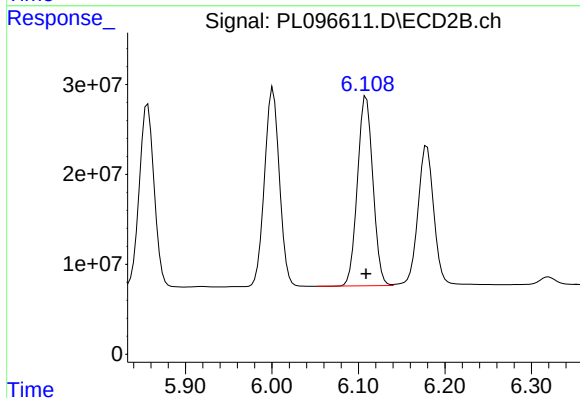
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 144531756
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

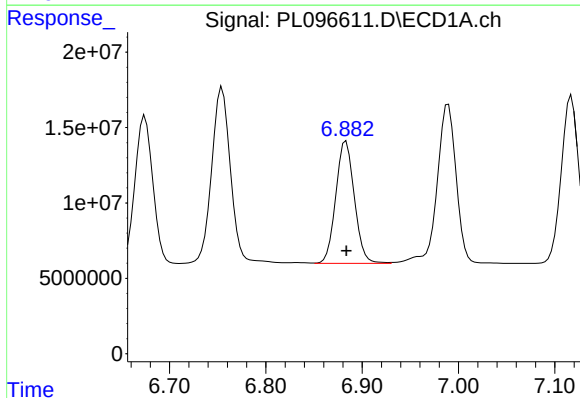
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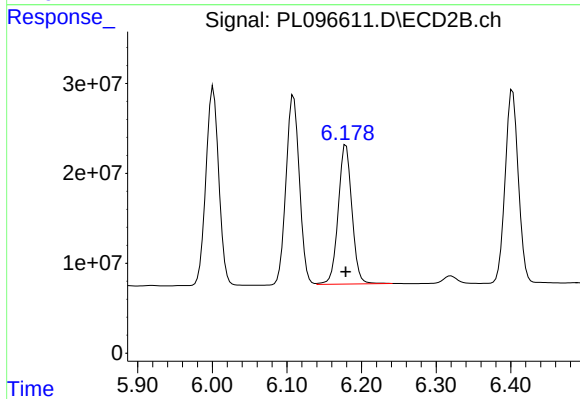
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 261665047
Conc: 51.73 ng/ml



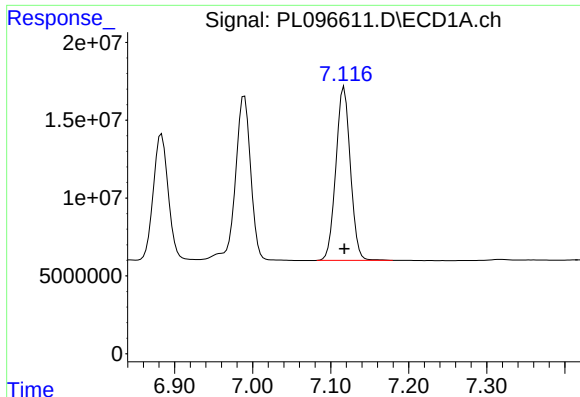
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 108518783
Conc: 50.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 197425966
Conc: 53.39 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 143881166
Conc: 50.07 ng/ml

Instrument :

ECD_L

ClientSampleId :

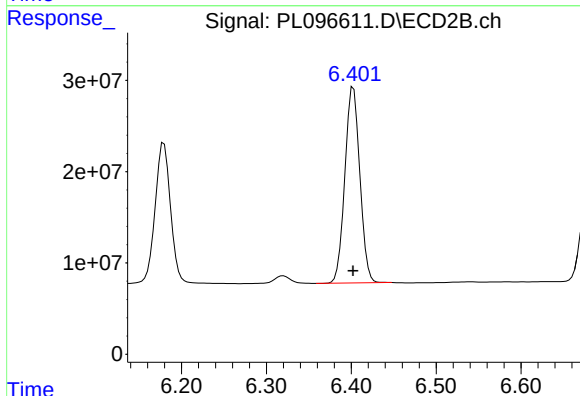
ICVPL072825

Manual Integrations

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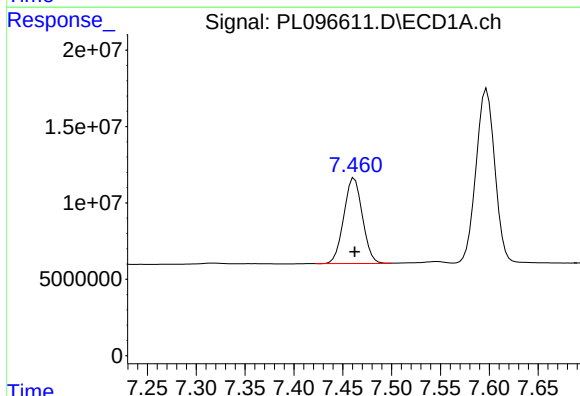
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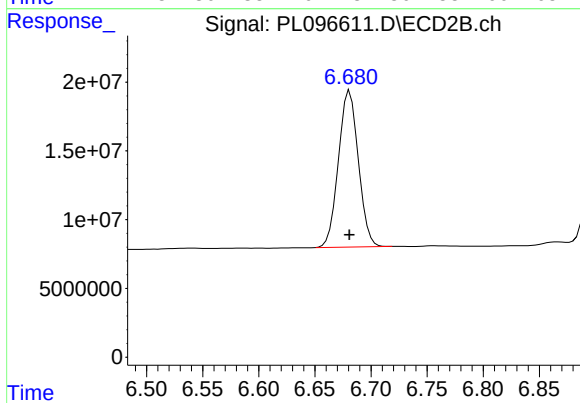
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 262804486
Conc: 51.67 ng/ml



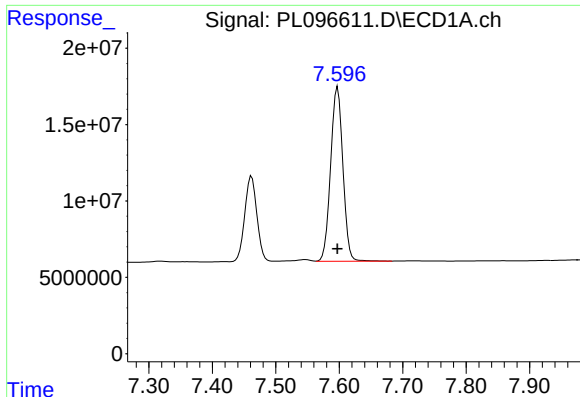
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 74330342
Conc: 50.62 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 140523051
Conc: 51.28 ng/ml



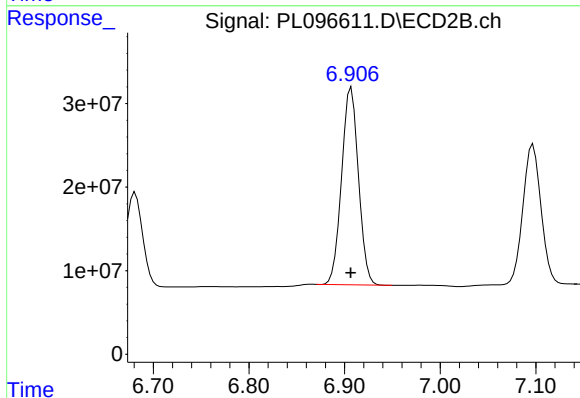
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 153274359
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

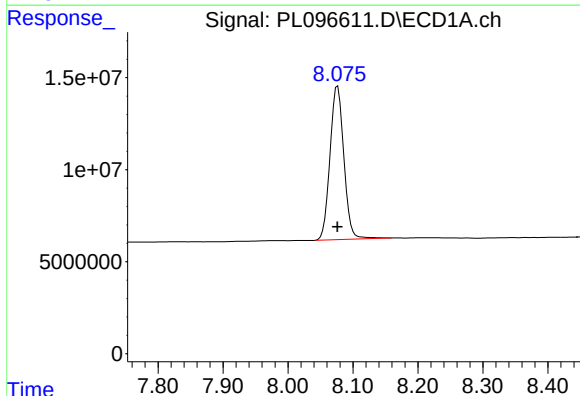
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Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



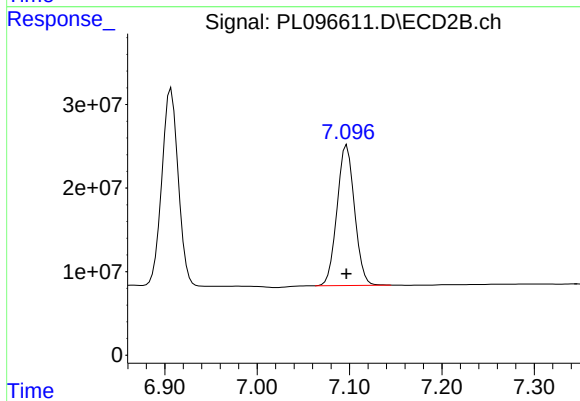
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 289661773
Conc: 52.01 ng/ml



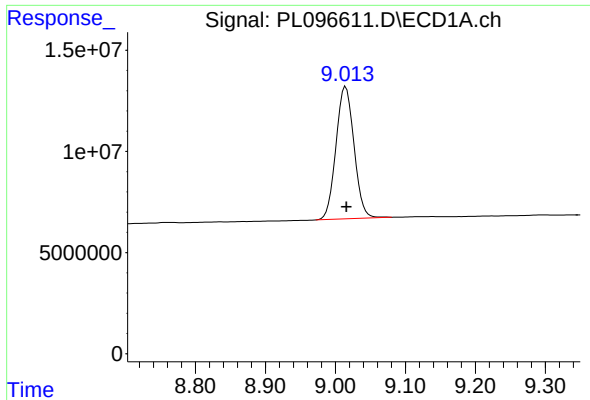
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 123454153
Conc: 49.79 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 221225472
Conc: 50.73 ng/ml



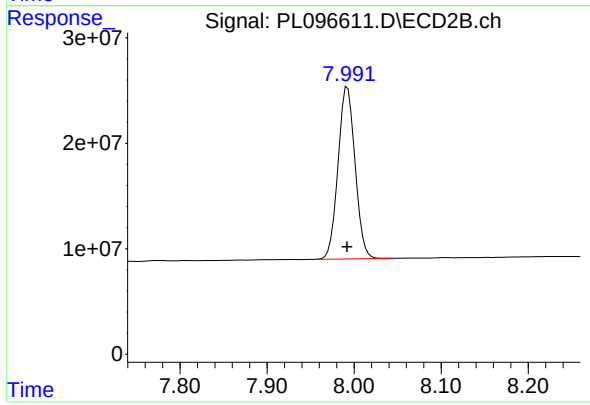
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.001 min
Response: 117087022
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL072825

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 221944303
Conc: 51.16 ng/ml