

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
 Data File : PL096691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 12:52
 Operator : AR\AJ
 Sample : PB169093BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169093BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:43:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.533	2.824	64885131	99607735	20.399	20.848
28)	SA Decachlor...	9.017	7.990	52303080	98525020	21.933	22.710
Target Compounds							
2)	A alpha-BHC	3.981	3.330	245.1E6	376.8E6	52.972	53.247
3)	MA gamma-BHC...	4.309	3.662	230.1E6	347.5E6	52.022	52.632
4)	MA Heptachlor	4.901	4.011	213.8E6	327.2E6	51.450	49.116
5)	MB Aldrin	5.241	4.294	221.6E6	326.6E6	51.528	52.619
6)	B beta-BHC	4.496	3.959	94325080	144.8E6	52.259	51.330
7)	B delta-BHC	4.740	4.192	212.6E6	339.8E6	53.280m	52.491
8)	B Heptachlo...	5.662	4.796	199.0E6	296.3E6	51.603	51.885
9)	A Endosulfan I	6.043	5.167	186.7E6	277.3E6	51.907	50.124
10)	B gamma-Chl...	5.915	5.048	200.6E6	311.4E6	52.723	52.958
11)	B alpha-Chl...	5.995	5.112	197.8E6	302.9E6	51.314	51.354
12)	B 4,4'-DDE	6.166	5.301	168.7E6	288.3E6	52.534	52.279
13)	MA Dieldrin	6.316	5.432	192.3E6	306.2E6	51.826	51.839
14)	MA Endrin	6.542	5.707	135.8E6	234.6E6	44.871	43.395
15)	B Endosulfa...	6.755	5.999	157.5E6	268.5E6	49.165	52.271
16)	A 4,4'-DDD	6.675	5.854	138.6E6	259.1E6	54.819	55.063
17)	MA 4,4'-DDT	6.990	6.107	125.7E6	226.4E6	43.824	44.764
18)	B Endrin al...	6.884	6.177	126.4E6	218.9E6	58.892	59.565
19)	B Endosulfa...	7.118	6.400	149.6E6	266.0E6	52.066	52.293
20)	A Methoxychlor	7.462	6.679	61330578	116.2E6	41.768	42.415
21)	B Endrin ke...	7.597	6.905	168.6E6	310.5E6	56.063	55.750
22)	Mirex	8.076	7.095	125.7E6	220.0E6	50.715	50.450

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
Data File : PL096691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 12:52
Operator : AR\AJ
Sample : PB169093BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

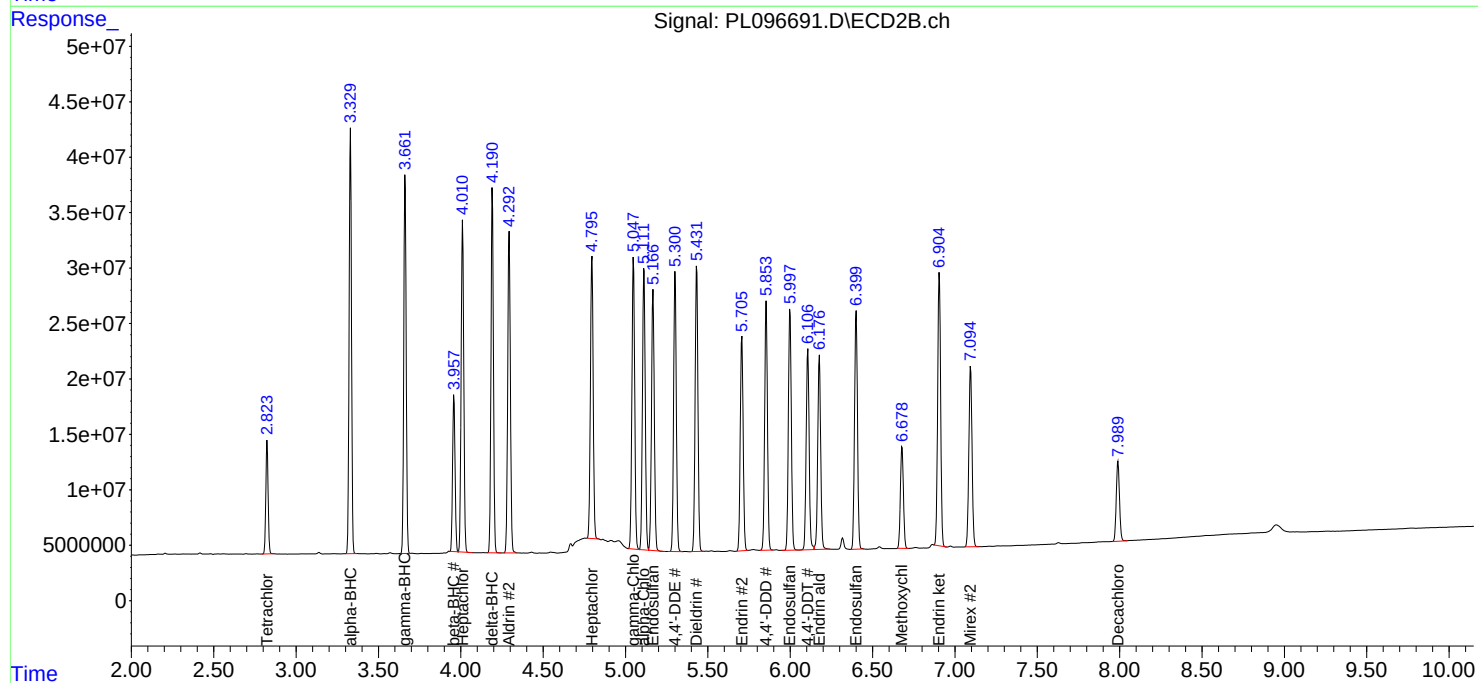
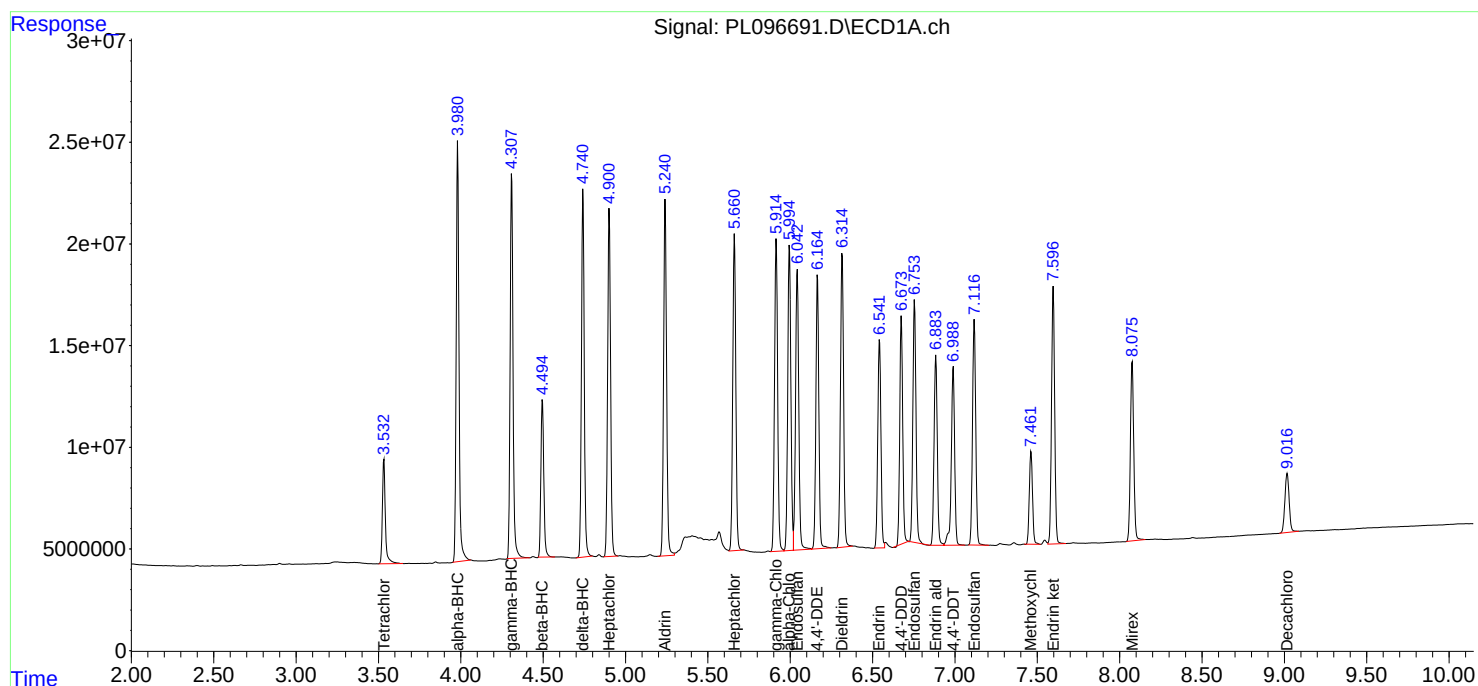
Instrument :
ECD_L
ClientSampleId :
PB169093BS

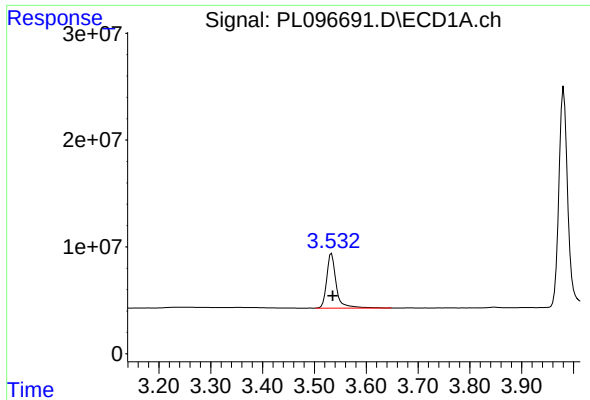
Manual Integrations
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Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:43:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





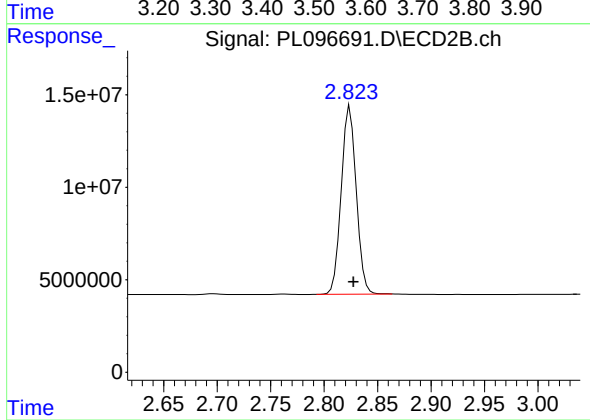
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 64885131
Conc: 20.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

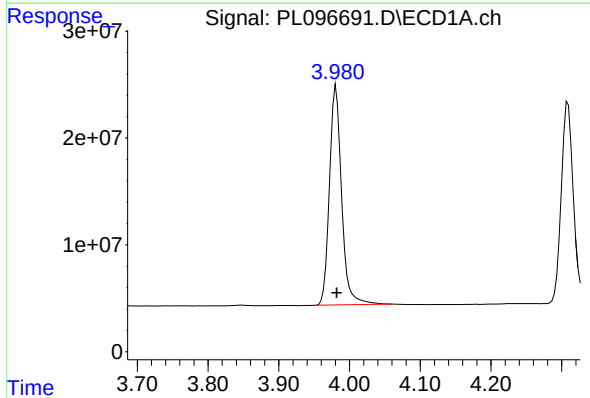
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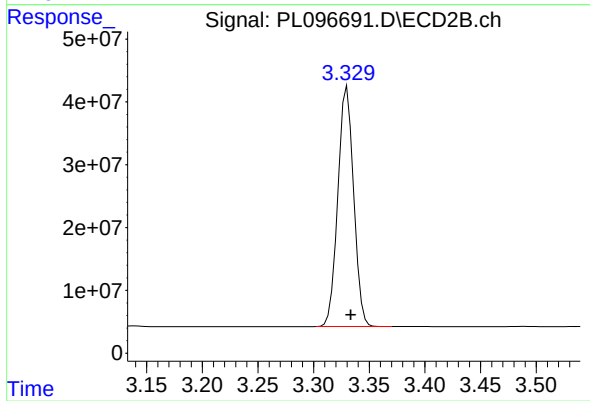
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.003 min
Response: 99607735
Conc: 20.85 ng/ml



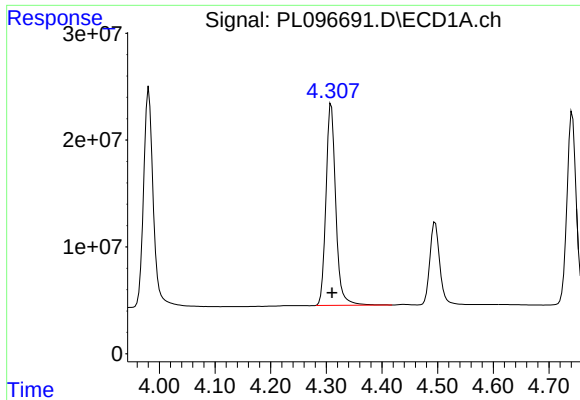
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 245066041
Conc: 52.97 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 376834361
Conc: 53.25 ng/ml



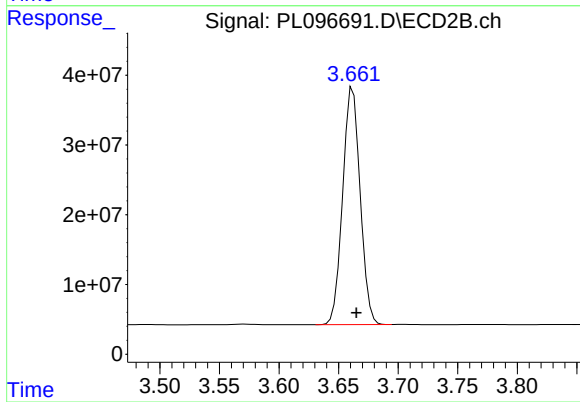
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.001 min
Response: 230114861
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

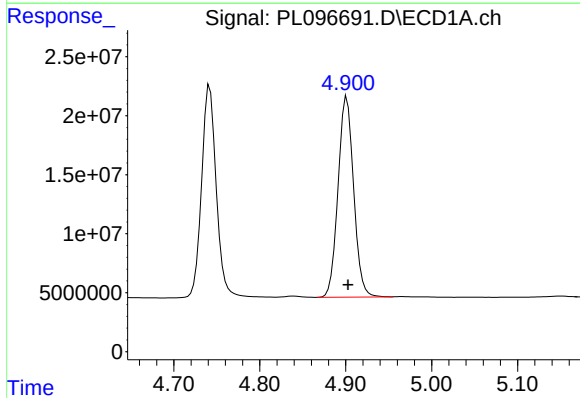
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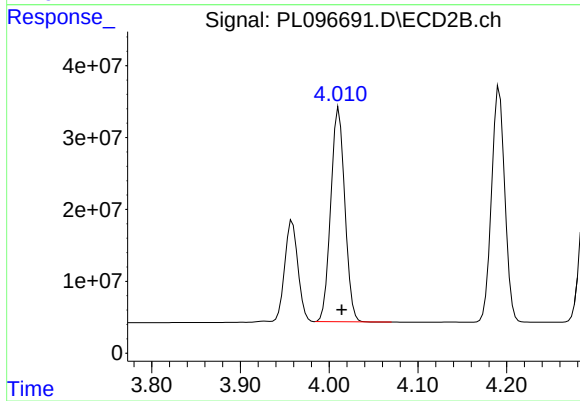
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 347546945
Conc: 52.63 ng/ml



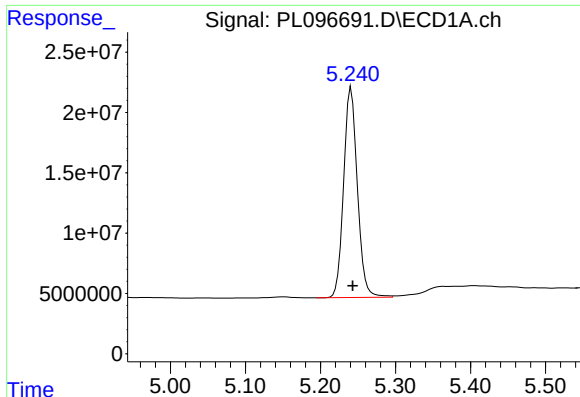
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 213811042
Conc: 51.45 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 327206108
Conc: 49.12 ng/ml



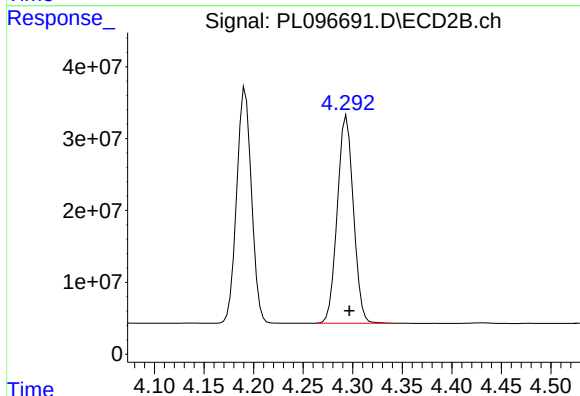
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 221622281
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

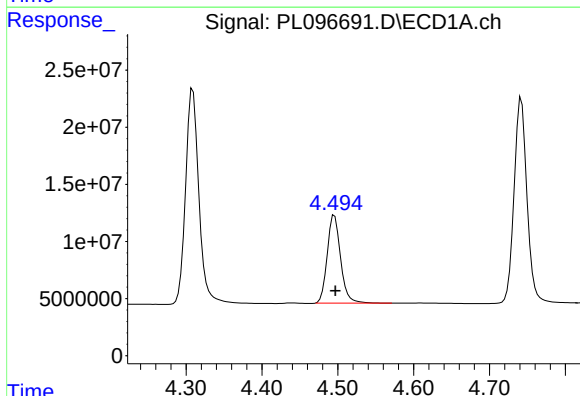
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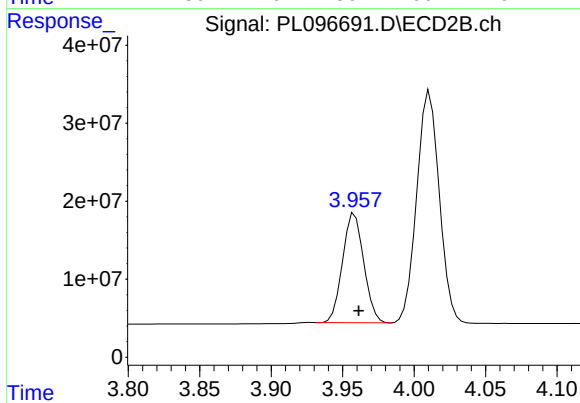
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 326610990
Conc: 52.62 ng/ml



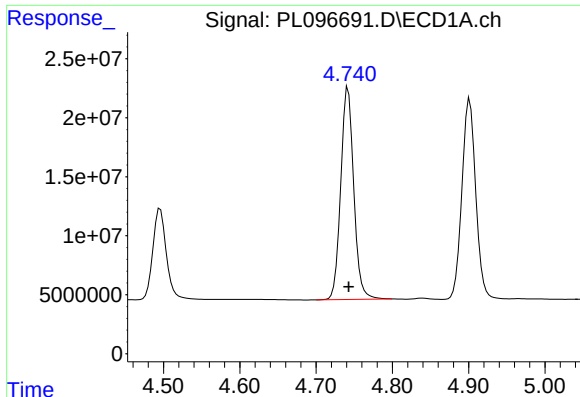
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 94325080
Conc: 52.26 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 144797486
Conc: 51.33 ng/ml



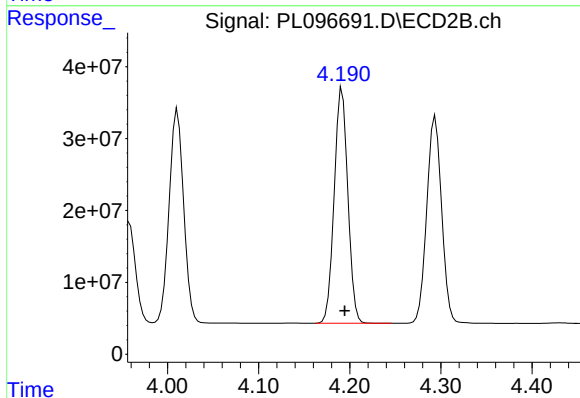
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 212578166
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

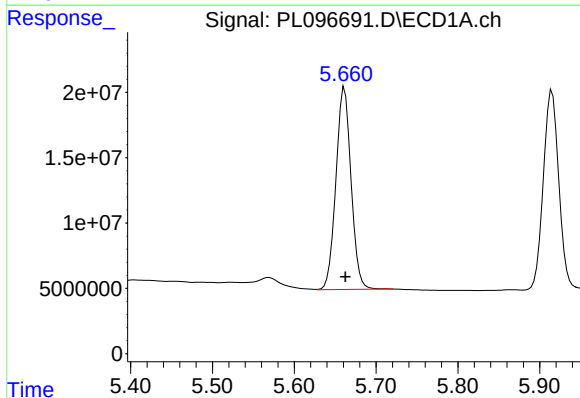
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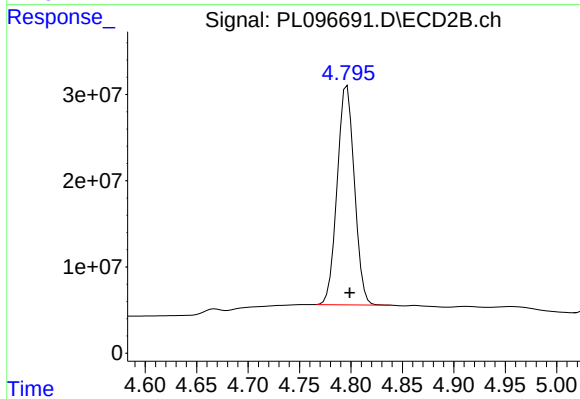
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 339807233
Conc: 52.49 ng/ml



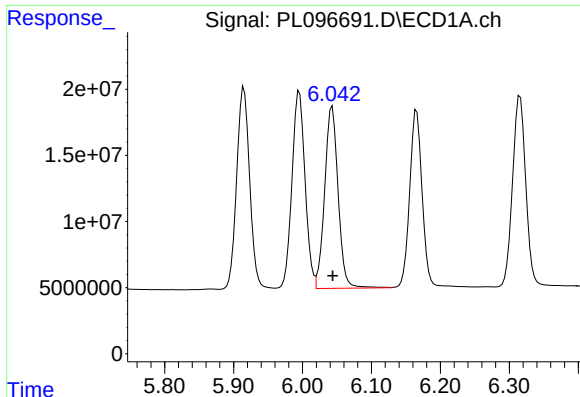
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 199008197
Conc: 51.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 296330714
Conc: 51.88 ng/ml



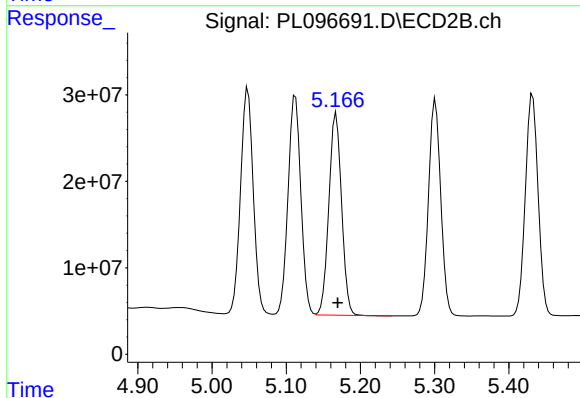
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 186677850
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

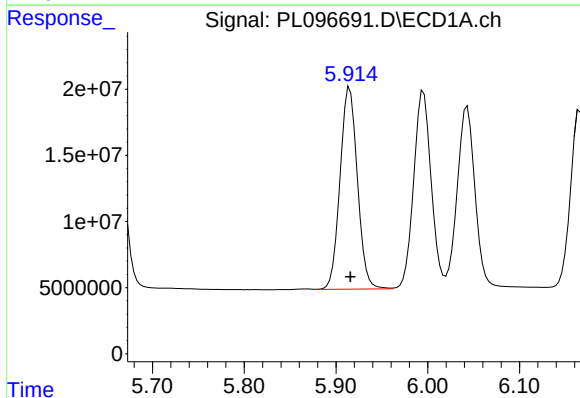
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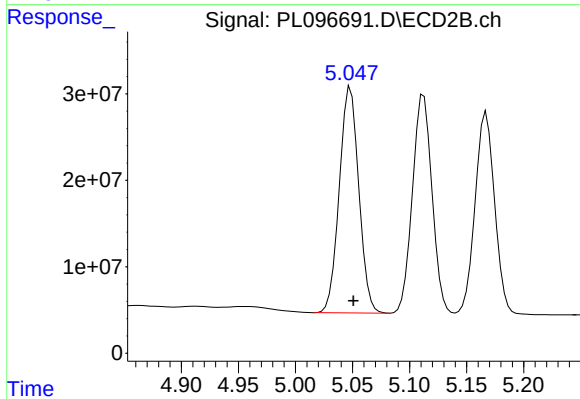
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 277256805
Conc: 50.12 ng/ml



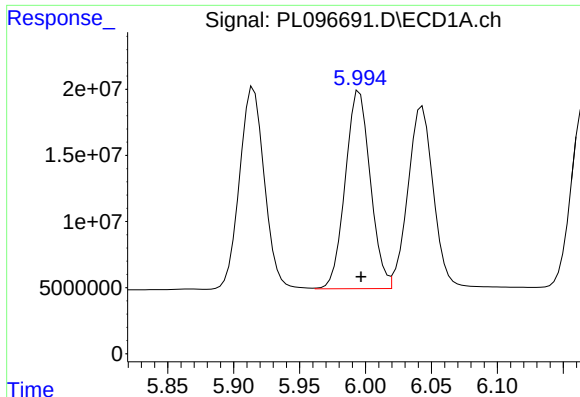
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 200622830
Conc: 52.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 311396456
Conc: 52.96 ng/ml



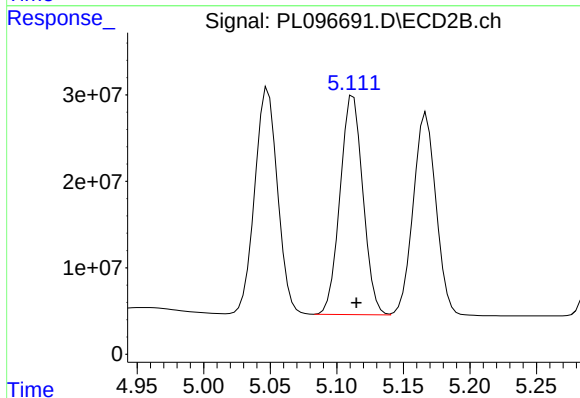
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 197798054
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

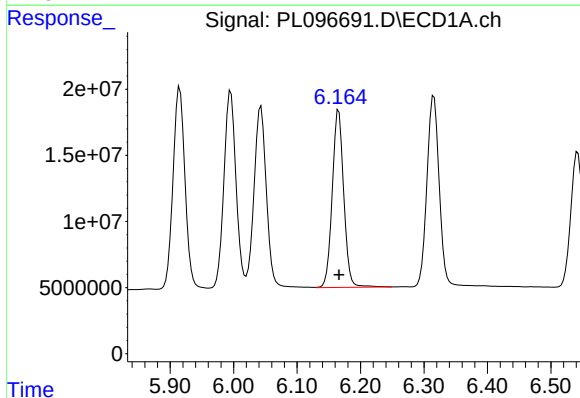
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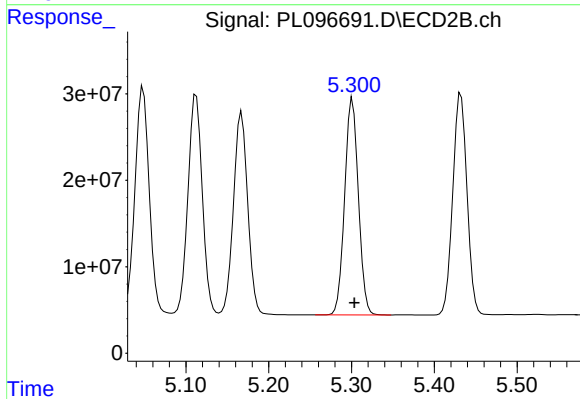
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 302934904
Conc: 51.35 ng/ml



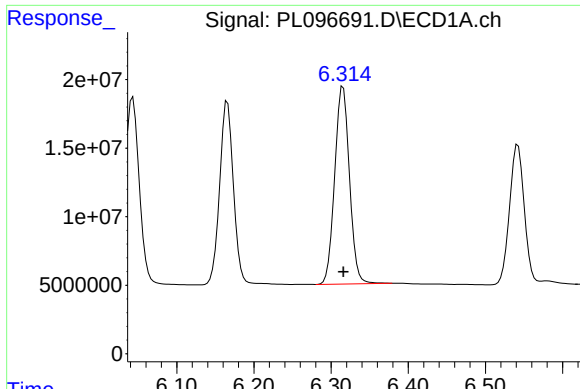
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 168698858
Conc: 52.53 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 288286024
Conc: 52.28 ng/ml



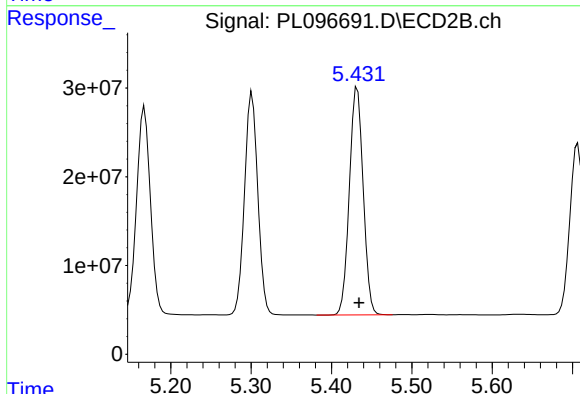
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 192334901
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

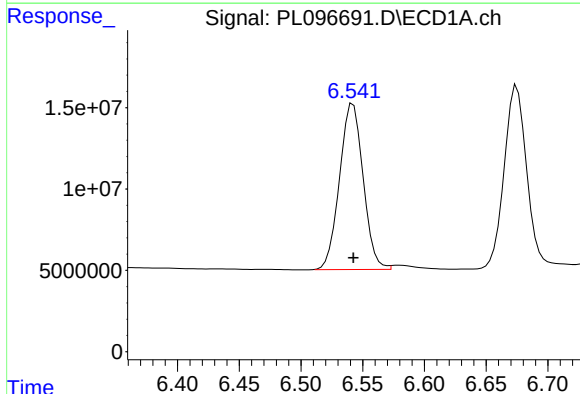
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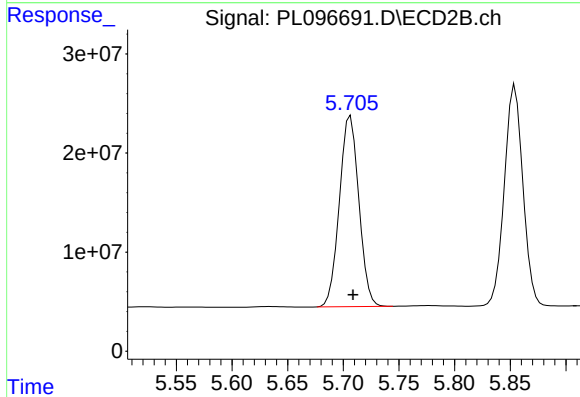
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 306188583
Conc: 51.84 ng/ml



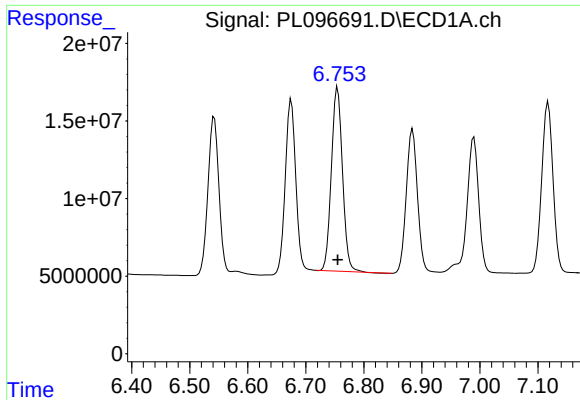
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 135815137
Conc: 44.87 ng/ml



#14 Endrin

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 234591326
Conc: 43.39 ng/ml



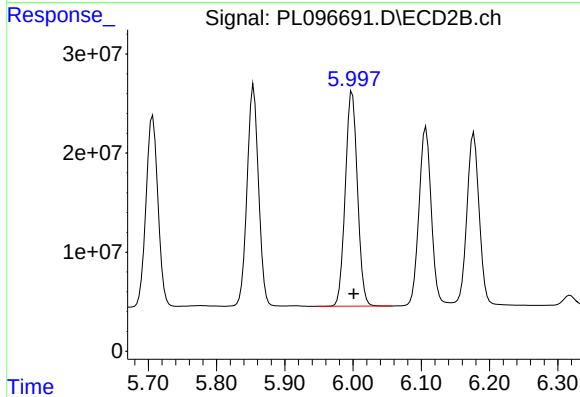
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 157459243
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

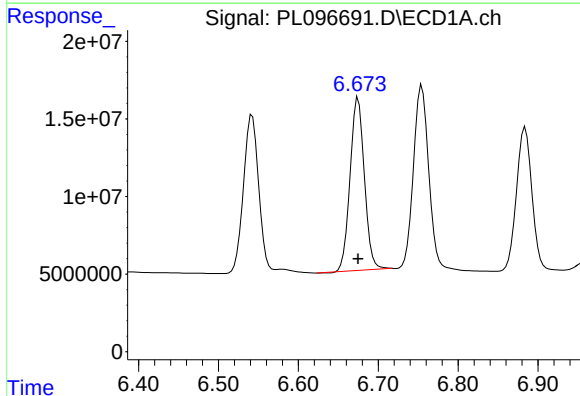
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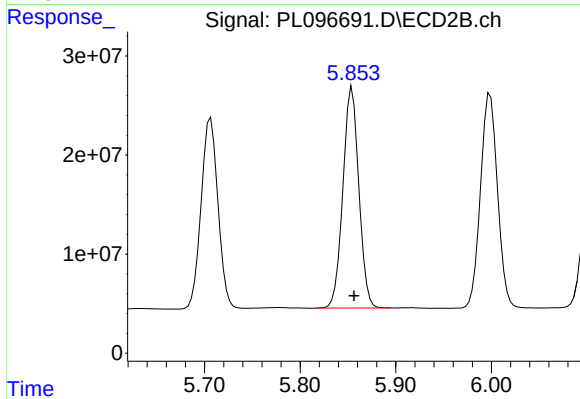
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 268476490
Conc: 52.27 ng/ml



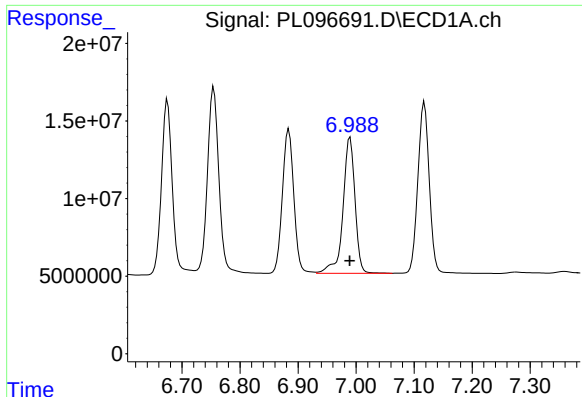
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 138602047
Conc: 54.82 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 259086117
Conc: 55.06 ng/ml



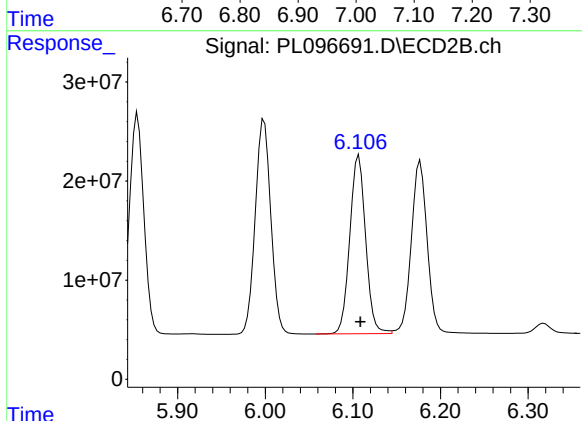
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 125674500
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

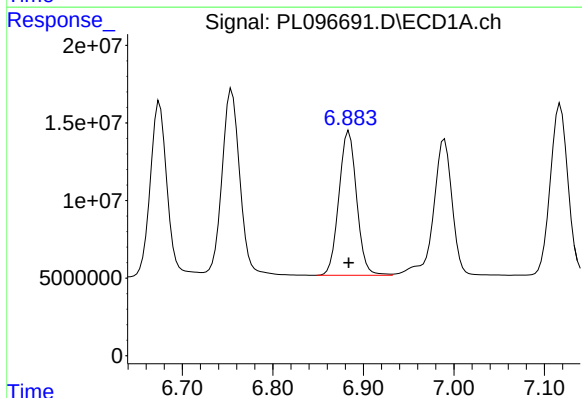
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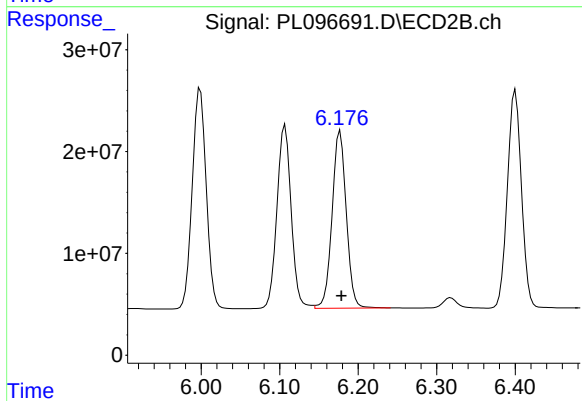
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 226429164
Conc: 44.76 ng/ml



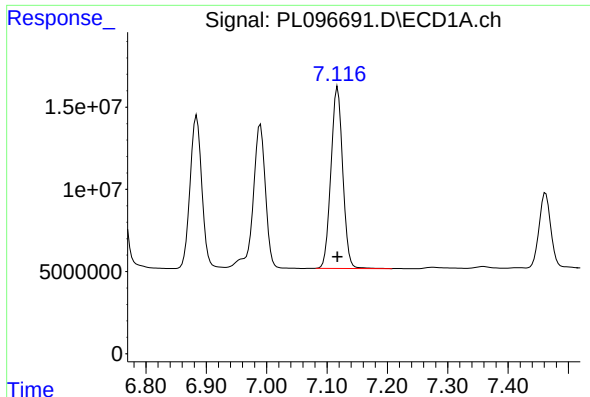
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 126378196
Conc: 58.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 218860206
Conc: 59.57 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 149623012
Conc: 52.07 ng/ml

Instrument :

ECD_L

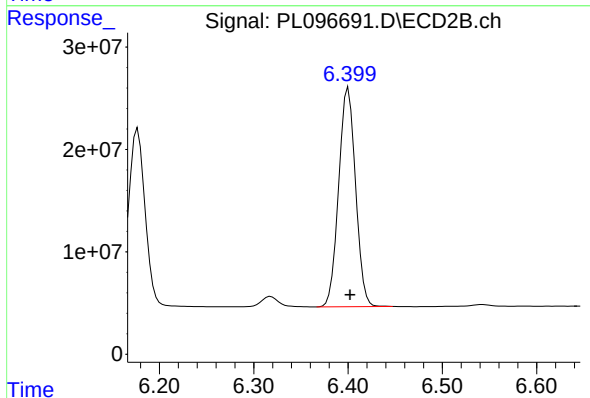
ClientSampleId :

PB169093BS

Manual Integrations

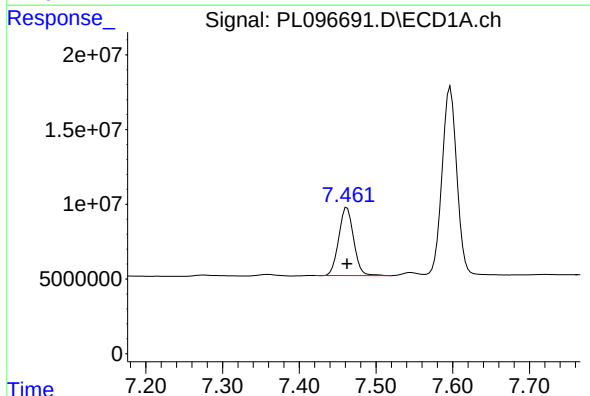
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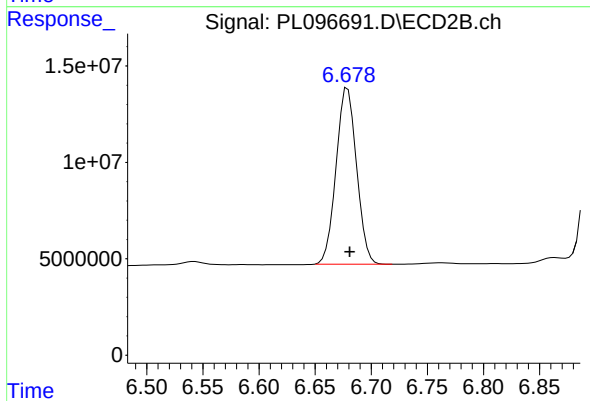
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 265973570
Conc: 52.29 ng/ml



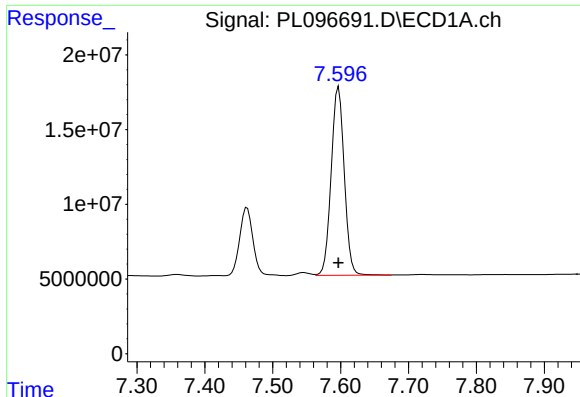
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 61330578
Conc: 41.77 ng/ml



#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: -0.002 min
Response: 116237976
Conc: 42.41 ng/ml



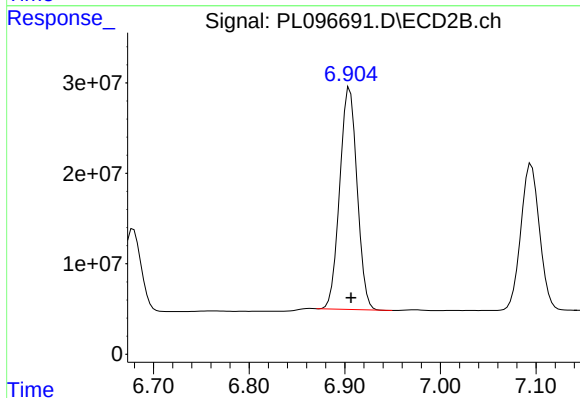
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 168565428
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

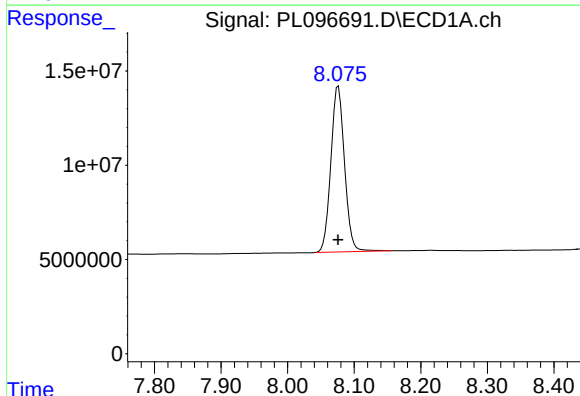
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Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



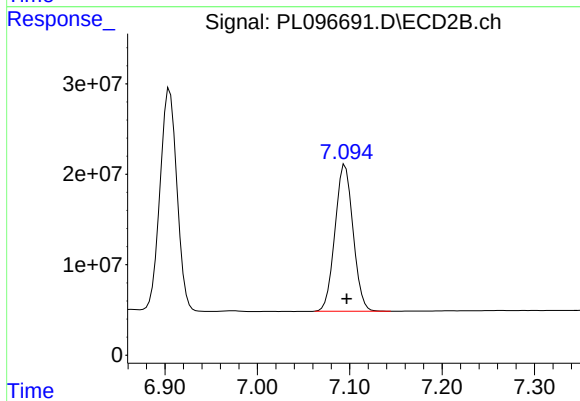
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 310511554
Conc: 55.75 ng/ml



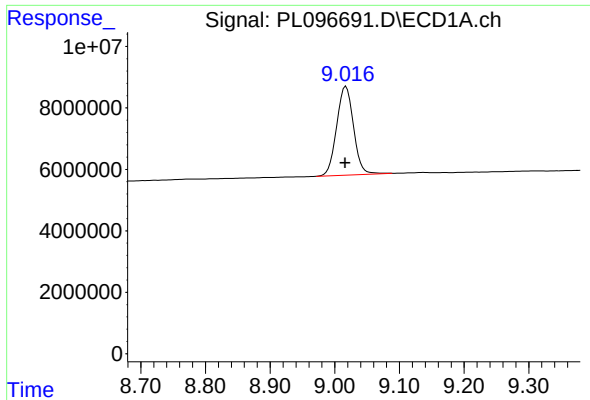
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 125740405
Conc: 50.72 ng/ml



#22 Mirex

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 220007413
Conc: 50.45 ng/ml



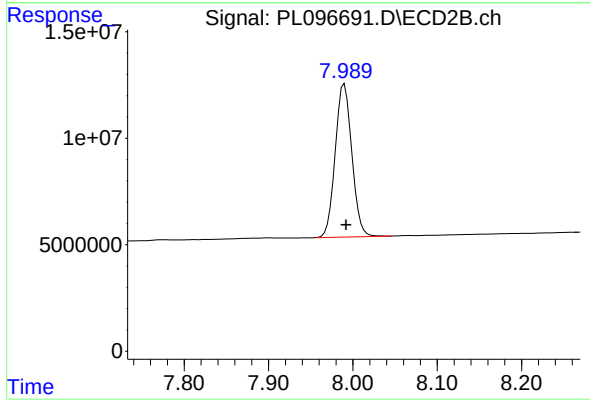
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: 0.002 min
Response: 52303080
Conc: 21.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169093BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.002 min
Response: 98525020
Conc: 22.71 ng/ml