

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073025\
 Data File : PL096638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 10:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/31/2025
 Supervised By : mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 07:56:57 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...	3.535	2.828	169.5E6	260.6E6	53.302	54.541
28)	SA Decachlor...	9.015	7.992	126.0E6	240.8E6	52.824	55.507
Target Compounds							
2)	A alpha-BHC	3.982	3.333	248.2E6	393.1E6	53.649	55.544
3)	MA gamma-BHC...	4.310	3.665	235.1E6	364.3E6	53.157	55.168
4)	MA Heptachlor	4.902	4.014	224.8E6	362.7E6	54.085	54.440
5)	MB Aldrin	5.242	4.297	226.5E6	340.8E6	52.665	54.903
6)	B beta-BHC	4.497	3.961	95288987	153.4E6	52.793	54.390
7)	B delta-BHC	4.741	4.195	215.6E6	356.7E6	54.032m	55.108
8)	B Heptachlo...	5.662	4.799	208.2E6	313.2E6	53.981	54.838
9)	A Endosulfan I	6.044	5.170	189.3E6	289.0E6	52.649	52.254
10)	B gamma-Chl...	5.916	5.051	205.1E6	323.7E6	53.903	55.043
11)	B alpha-Chl...	5.996	5.115	203.8E6	315.8E6	52.866	53.542
12)	B 4,4'-DDE	6.165	5.302	170.3E6	301.6E6	53.038	54.684m
13)	MA Dieldrin	6.315	5.434	198.8E6	325.2E6	53.569	55.050
14)	MA Endrin	6.542	5.709	160.2E6	293.5E6	52.918	54.297
15)	B Endosulfa...	6.755	6.000	164.8E6	279.9E6	51.452	54.502
16)	A 4,4'-DDD	6.675	5.856	137.5E6	258.0E6	54.364	54.839
17)	MA 4,4'-DDT	6.989	6.109	149.9E6	267.5E6	52.270	52.882
18)	B Endrin al...	6.883	6.179	118.5E6	211.7E6	55.214	57.493
19)	B Endosulfa...	7.117	6.402	153.3E6	282.4E6	53.357	55.517
20)	A Methoxychlor	7.461	6.681	75692907	145.3E6	51.549	53.031
21)	B Endrin ke...	7.597	6.906	164.0E6	303.6E6	54.533	54.515
22)	Mirex	8.076	7.097	133.4E6	236.2E6	53.795	54.153

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073025\
Data File : PL096638.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 10:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

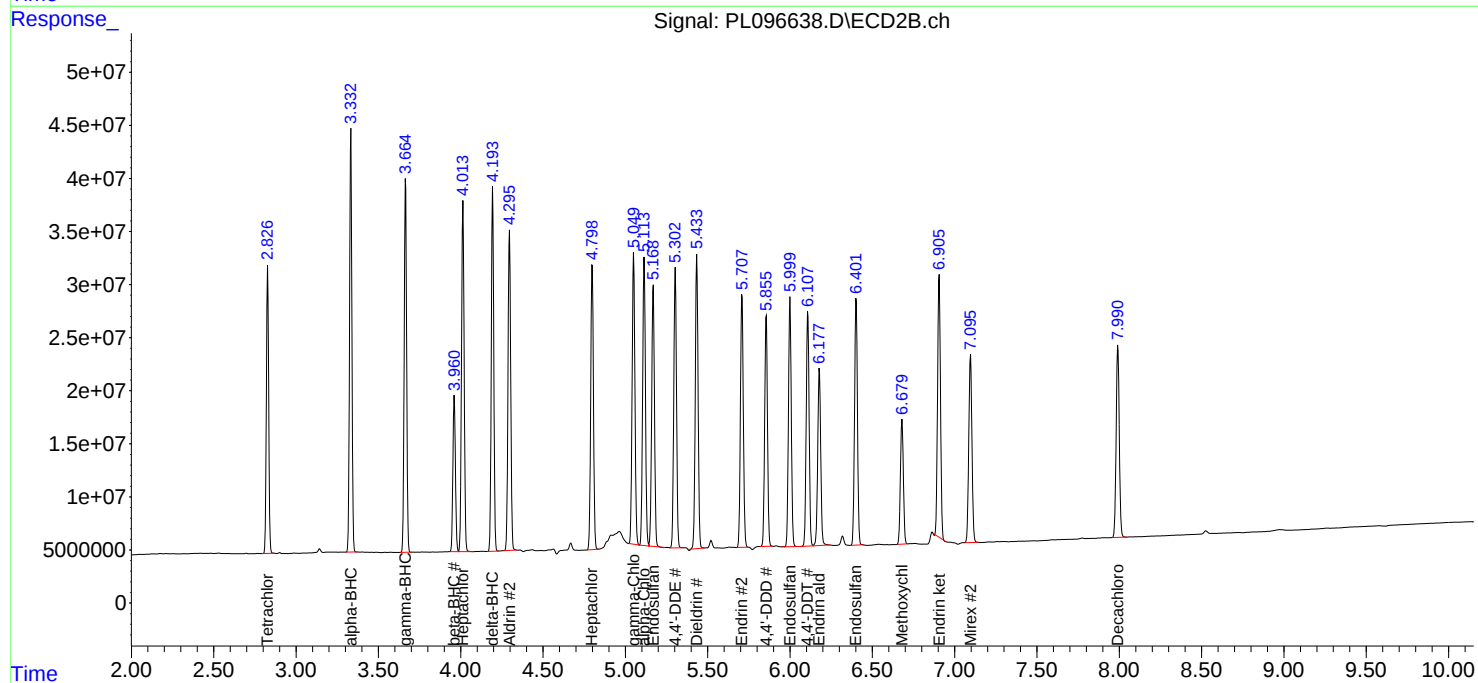
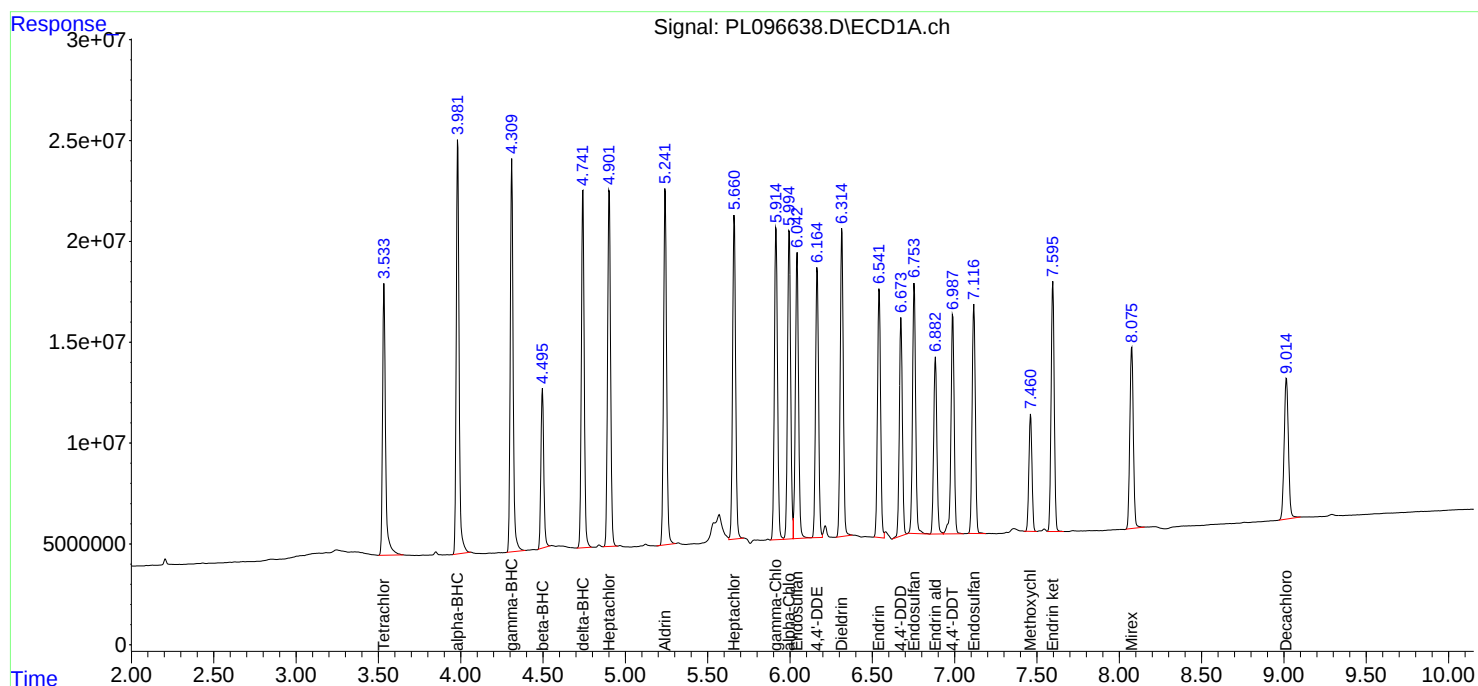
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

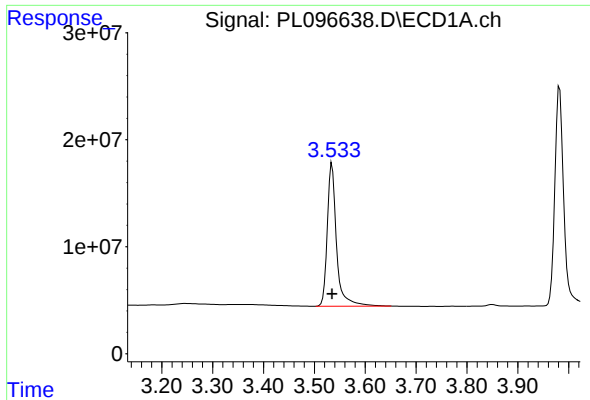
Manual Integrations
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Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
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Quant Time: Jul 31 07:56:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
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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





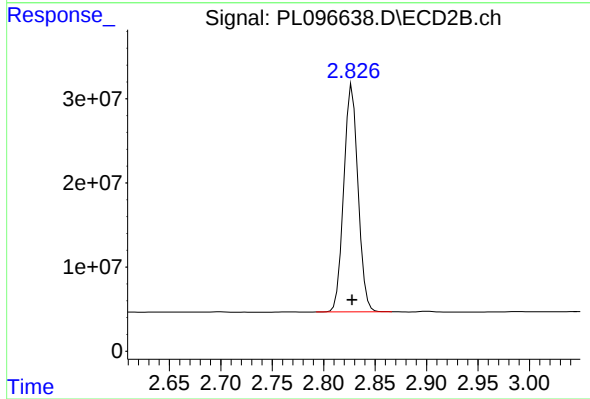
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 169542547
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

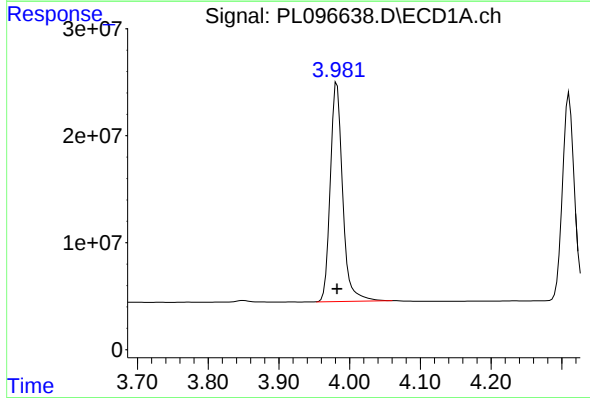
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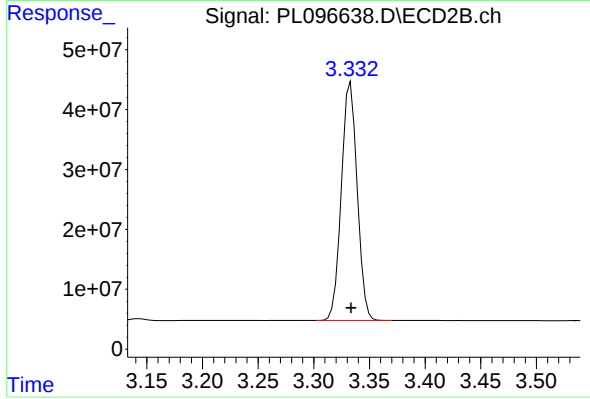
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 260583683
Conc: 54.54 ng/ml



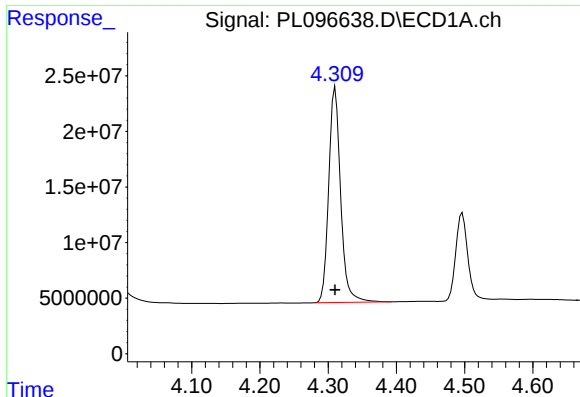
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 248197879
Conc: 53.65 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 393086089
Conc: 55.54 ng/ml



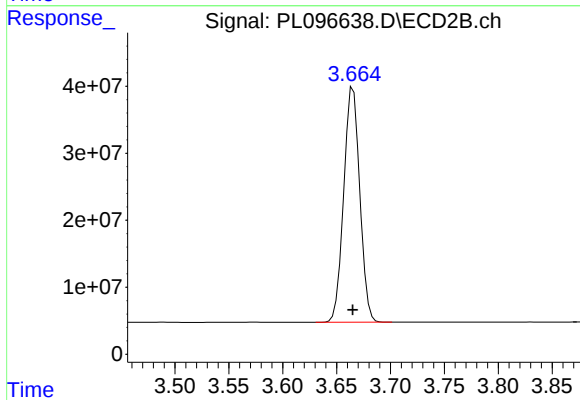
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 235135333
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

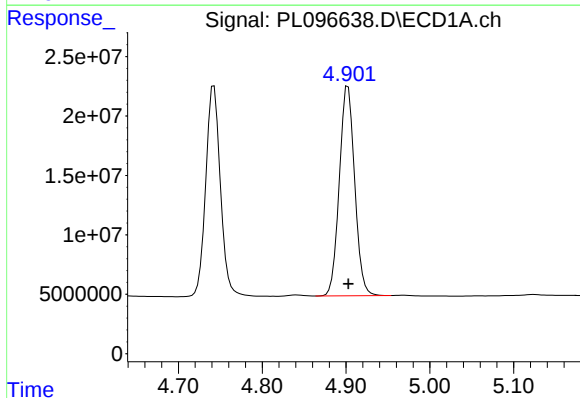
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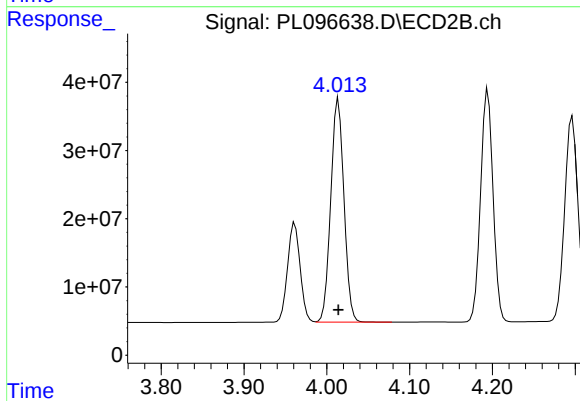
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 364297117
Conc: 55.17 ng/ml



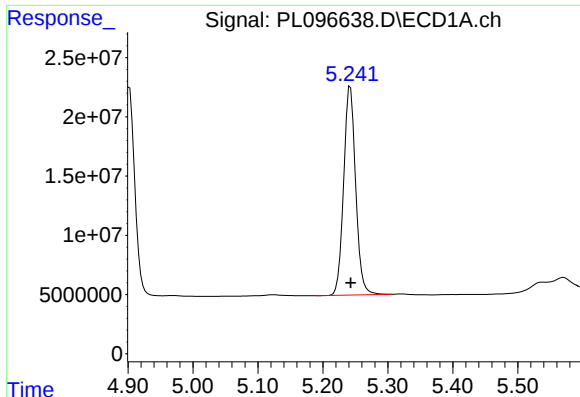
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 224760495
Conc: 54.09 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 362679448
Conc: 54.44 ng/ml



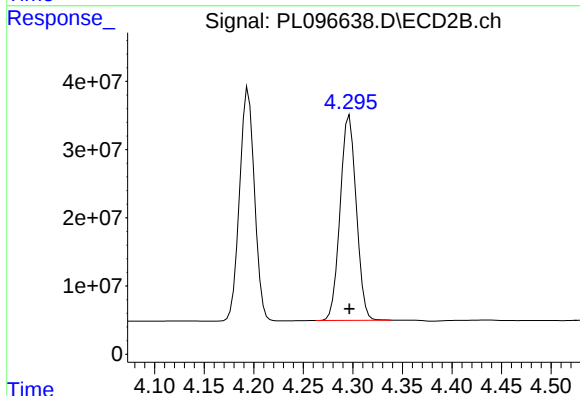
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 226511822
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

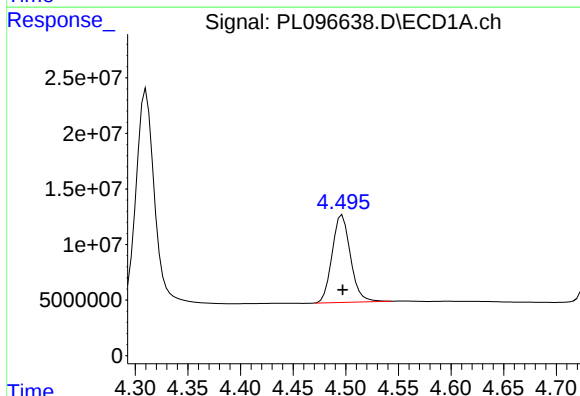
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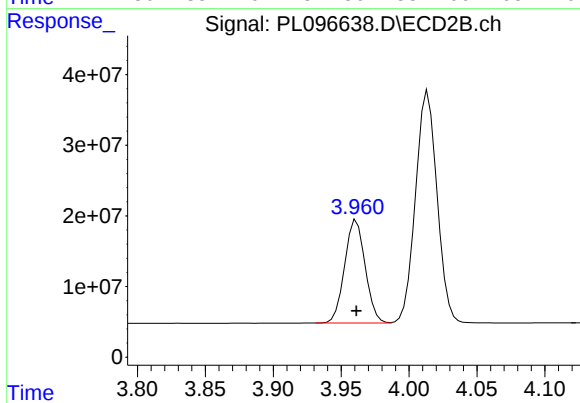
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 340783305
Conc: 54.90 ng/ml



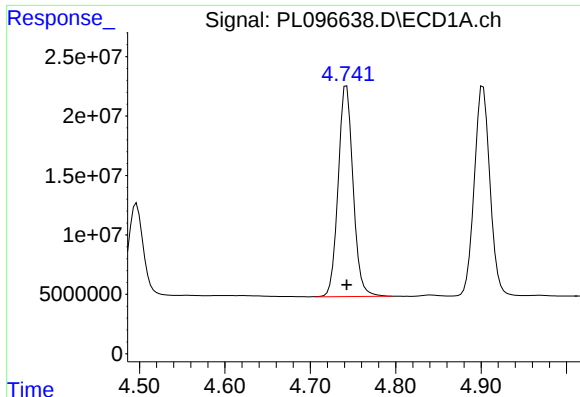
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 95288987
Conc: 52.79 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 153428841
Conc: 54.39 ng/ml



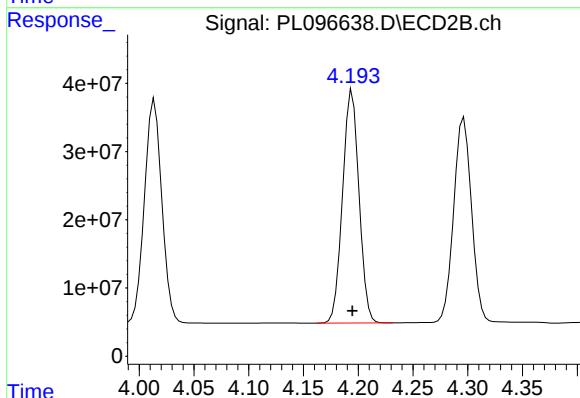
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 215578925
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

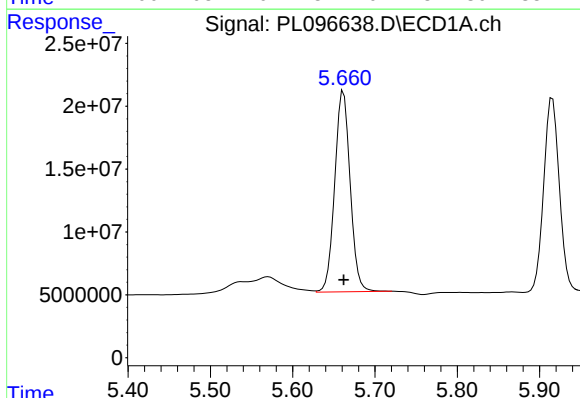
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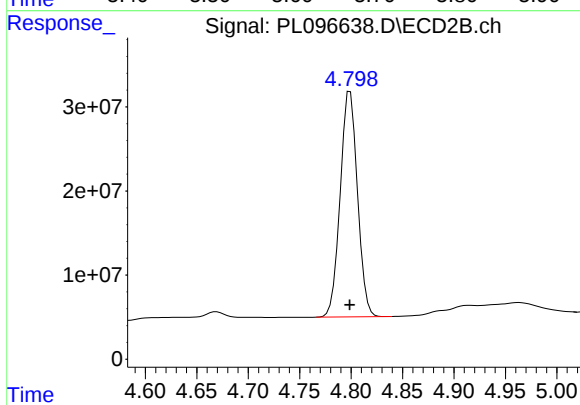
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 356746083
Conc: 55.11 ng/ml



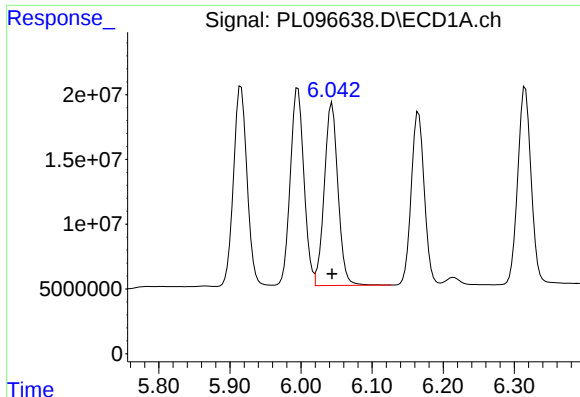
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 208180028
Conc: 53.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 313200558
Conc: 54.84 ng/ml



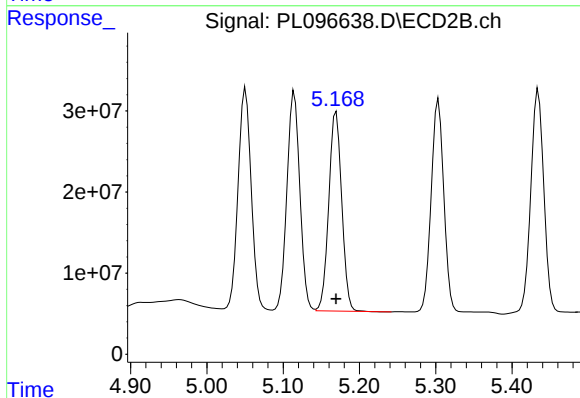
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 189345769
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

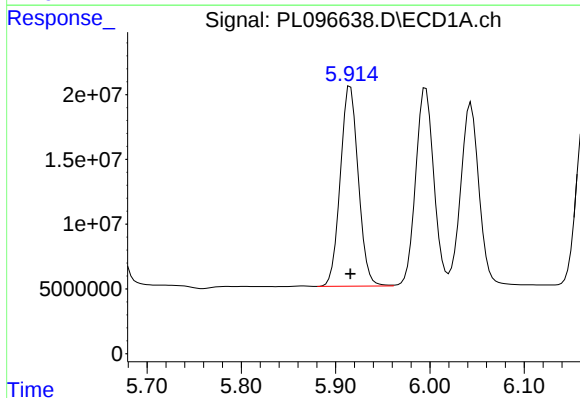
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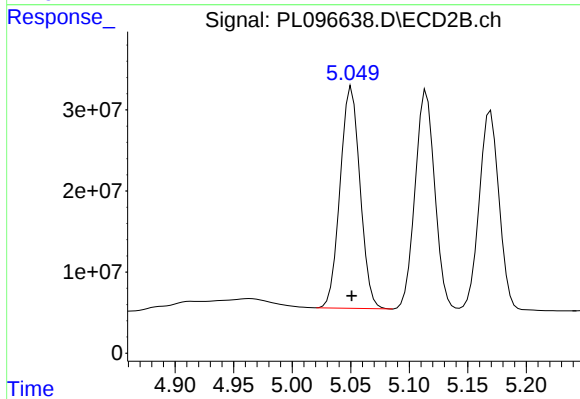
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 289036153
Conc: 52.25 ng/ml



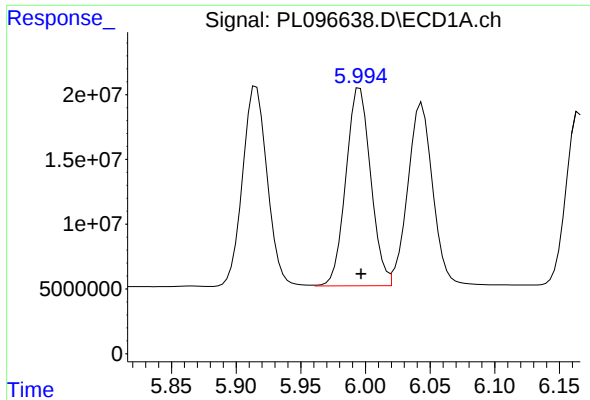
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 205112967
Conc: 53.90 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 323656261
Conc: 55.04 ng/ml



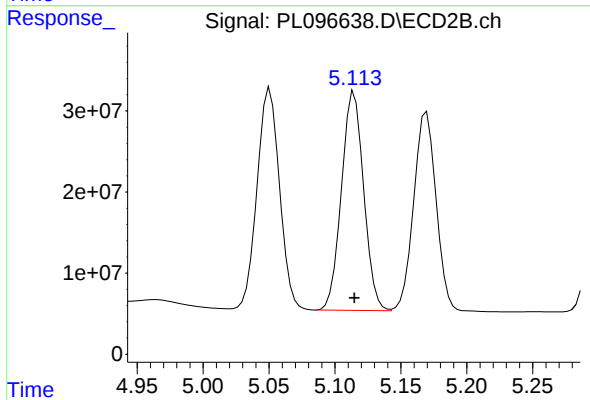
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 203778424
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

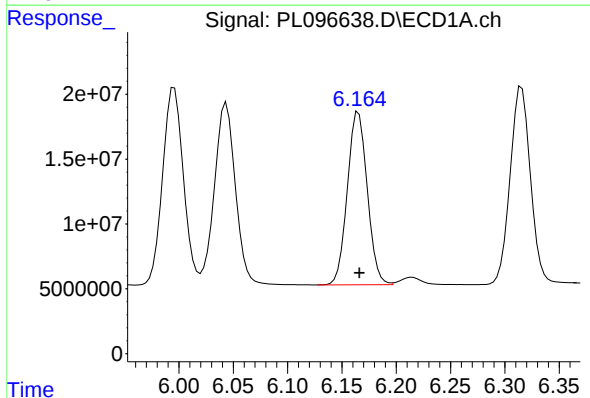
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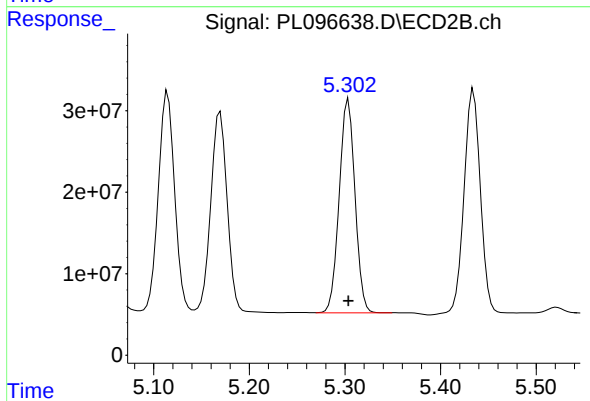
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 315840281
Conc: 53.54 ng/ml



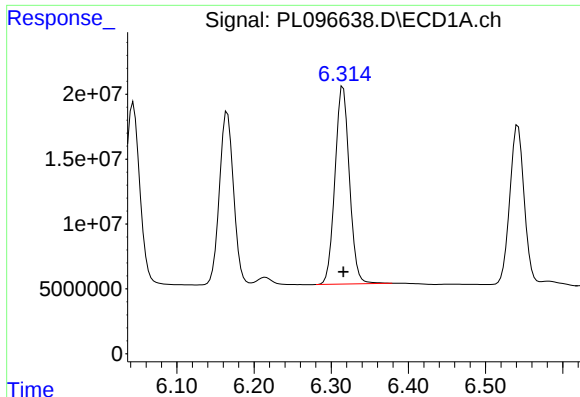
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 170319690
Conc: 53.04 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 301551700
Conc: 54.68 ng/ml m



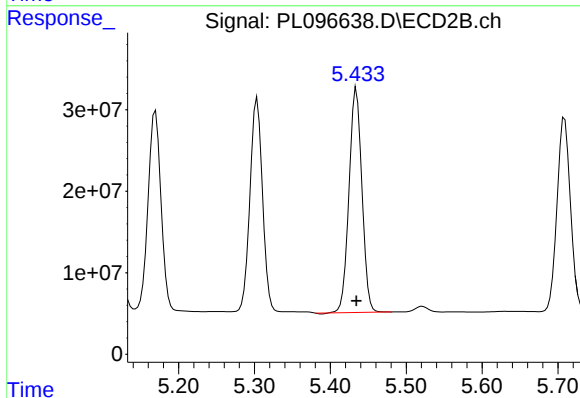
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 198803554
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

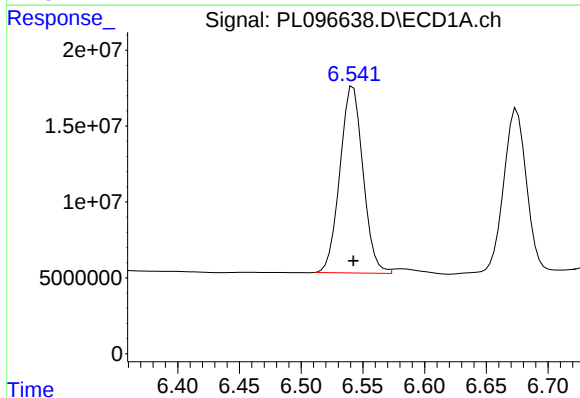
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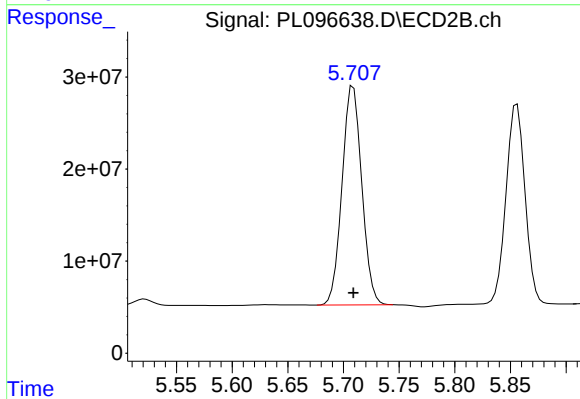
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 325154037
Conc: 55.05 ng/ml



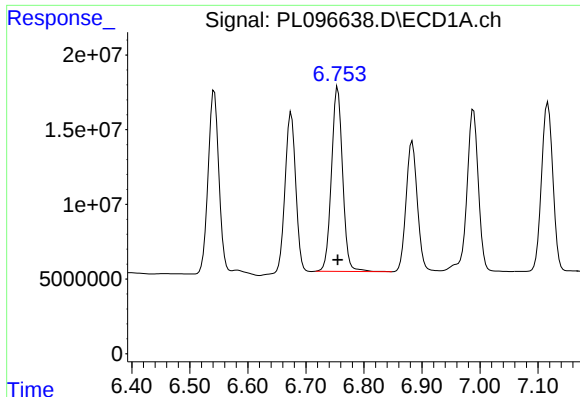
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 160170806
Conc: 52.92 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 293529723
Conc: 54.30 ng/ml



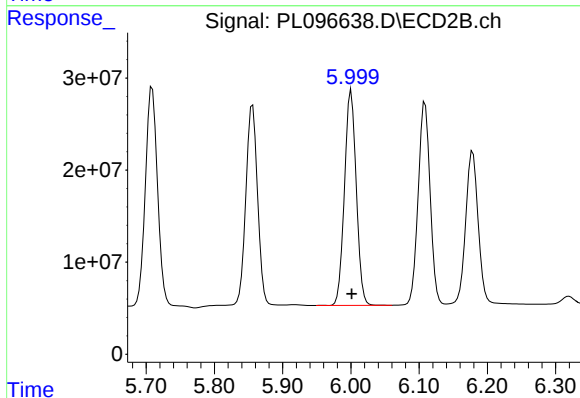
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 164783628
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

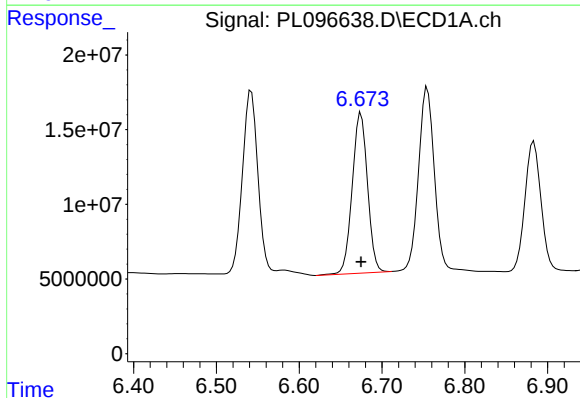
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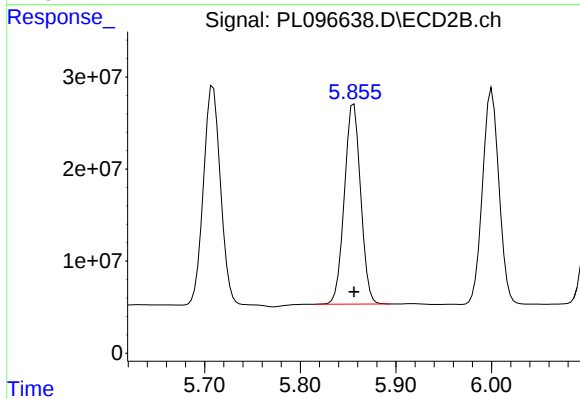
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 279937602
Conc: 54.50 ng/ml



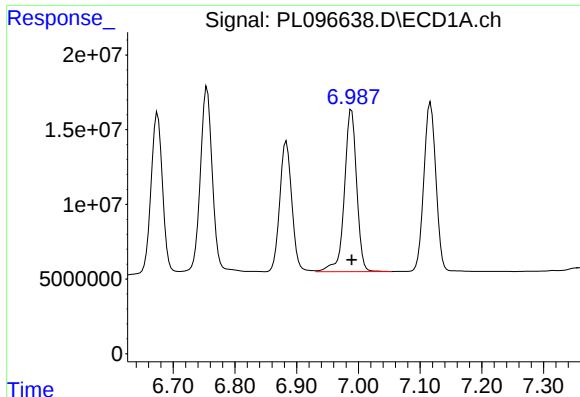
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 137451021
Conc: 54.36 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 258031279
Conc: 54.84 ng/ml



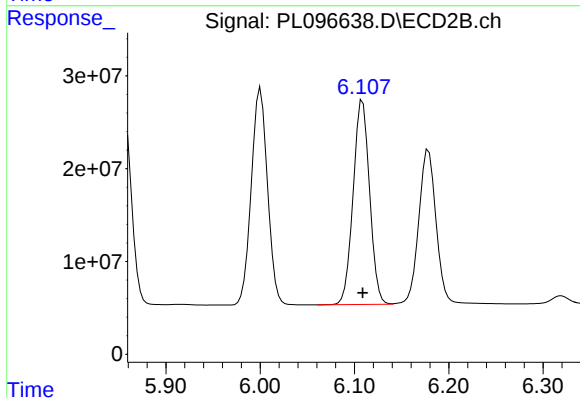
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 149894257
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

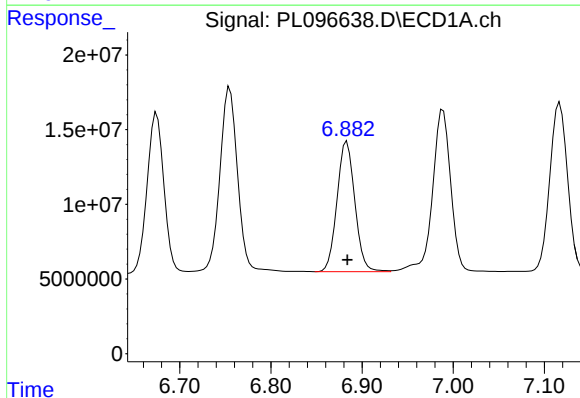
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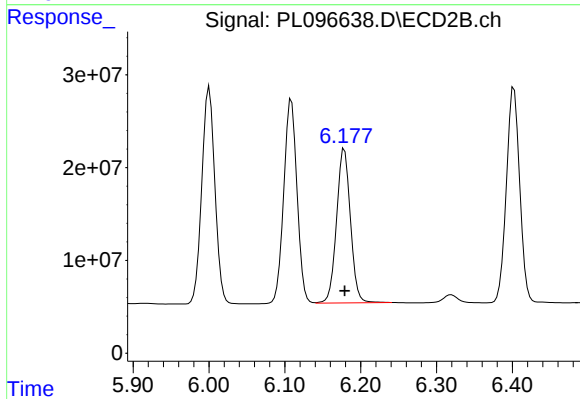
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 267492361
Conc: 52.88 ng/ml



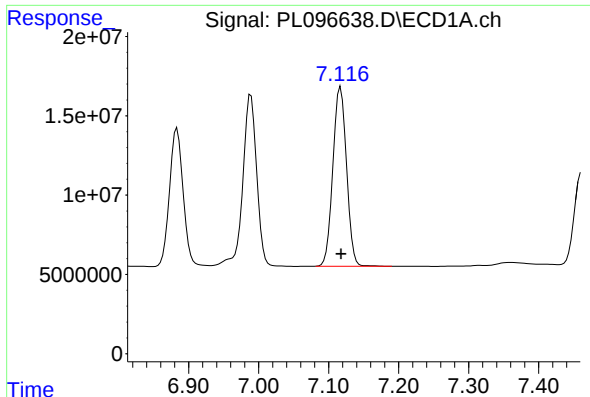
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 118485164
Conc: 55.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 211670187
Conc: 57.49 ng/ml



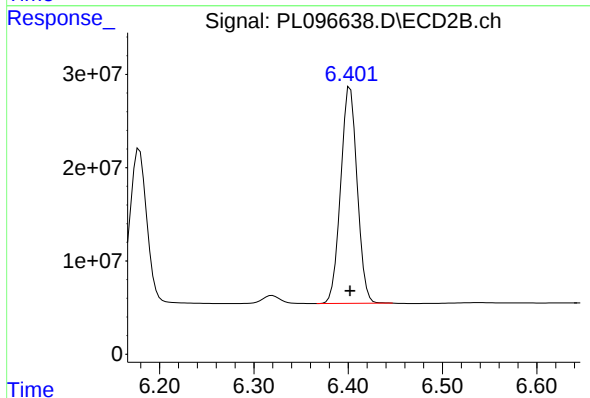
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 153332004
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

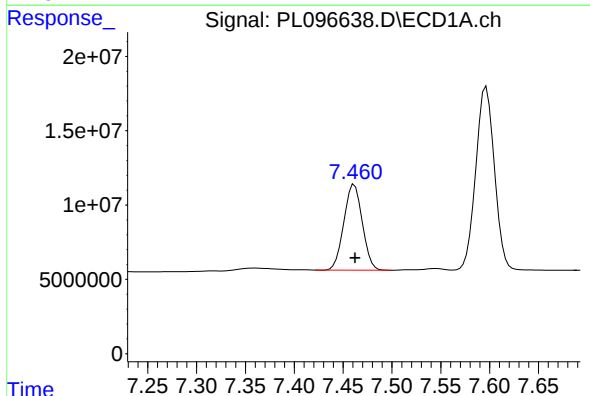
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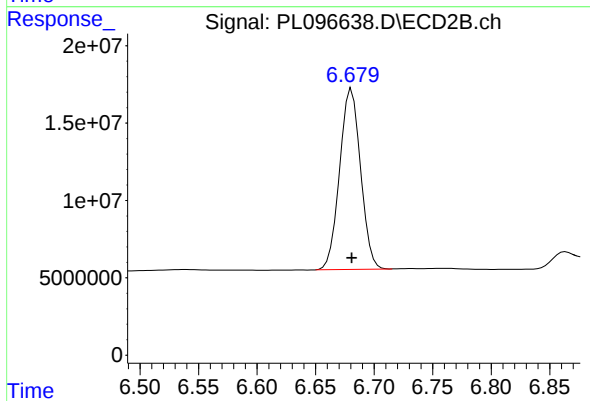
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 282369728
Conc: 55.52 ng/ml



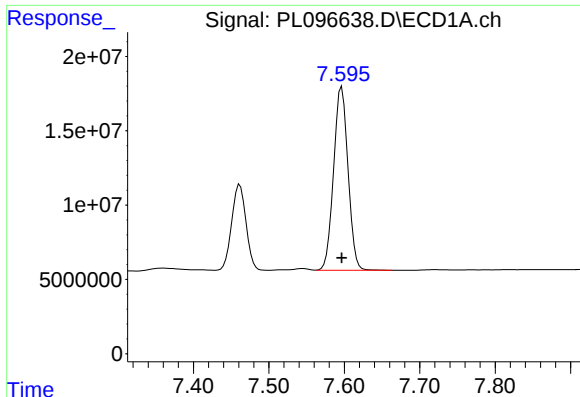
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 75692907
Conc: 51.55 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 145331227
Conc: 53.03 ng/ml



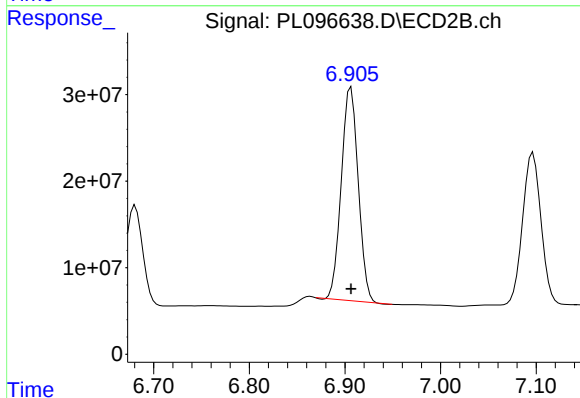
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 163966544
Conc: 54.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

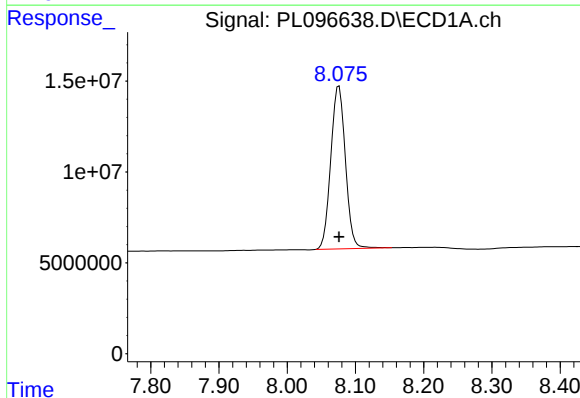
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



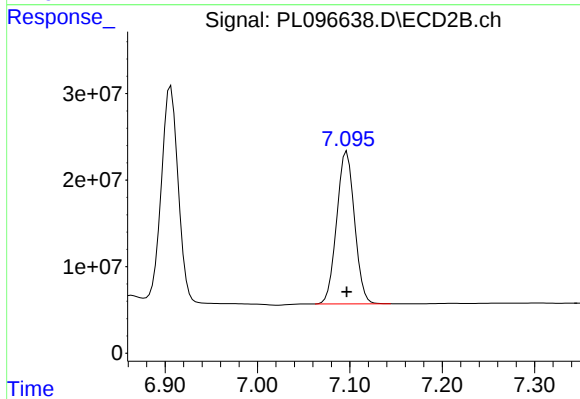
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 303636508
Conc: 54.52 ng/ml



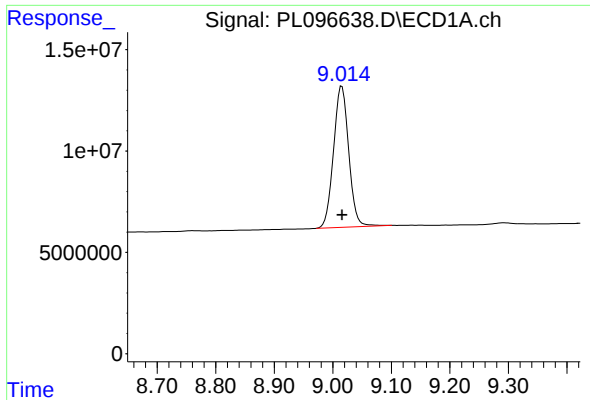
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 133375363
Conc: 53.79 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 236153584
Conc: 54.15 ng/ml



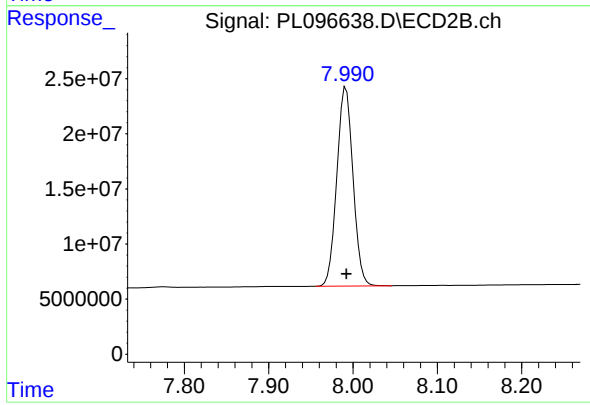
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: 0.000 min
Response: 125966180
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 240808592
Conc: 55.51 ng/ml