

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
 Data File : PL096797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 17:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:15:12 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...	3.530	2.824	180.7E6	267.1E6	56.824	55.906
28)	SA Decachlor...	9.007	7.988	123.9E6	242.7E6	51.943	55.937
Target Compounds							
2)	A alpha-BHC	3.977	3.330	266.4E6	398.1E6	57.588	56.247
3)	MA gamma-BHC...	4.305	3.662	248.5E6	369.1E6	56.186	55.890
4)	MA Heptachlor	4.897	4.010	242.2E6	359.8E6	58.270	54.014
5)	MB Aldrin	5.236	4.293	239.0E6	342.9E6	55.576	55.243
6)	B beta-BHC	4.491	3.958	101.1E6	158.2E6	56.039m	56.065
7)	B delta-BHC	4.738	4.191	228.8E6	363.6E6	57.358	56.159
8)	B Heptachlo...	5.656	4.795	214.2E6	310.1E6	55.544	54.288
9)	A Endosulfan I	6.037	5.166	192.8E6	291.4E6	53.610	52.683
10)	B gamma-Chl...	5.910	5.047	210.4E6	323.7E6	55.282	55.045
11)	B alpha-Chl...	5.990	5.111	209.8E6	318.0E6	54.418	53.902
12)	B 4,4'-DDE	6.160	5.300	170.0E6	302.8E6	52.950	54.911
13)	MA Dieldrin	6.310	5.431	198.9E6	323.0E6	53.601	54.684
14)	MA Endrin	6.536	5.705	152.0E6	284.0E6	50.209	52.531
15)	B Endosulfa...	6.749	5.997	168.8E6	277.9E6	52.699	54.105
16)	A 4,4'-DDD	6.669	5.853	137.7E6	260.4E6	54.454	55.346
17)	MA 4,4'-DDT	6.983	6.105	144.5E6	265.6E6	50.391	52.509
18)	B Endrin al...	6.878	6.175	113.4E6	199.6E6	52.840	54.912
19)	B Endosulfa...	7.111	6.399	148.1E6	270.8E6	51.528	53.241
20)	A Methoxychlor	7.456	6.678	73201538	142.5E6	49.853	51.990
21)	B Endrin ke...	7.591	6.903	159.6E6	309.8E6	53.070	55.622
22)	Mirex	8.069	7.093	128.1E6	238.1E6	51.669	54.594

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
Data File : PL096797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 17:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

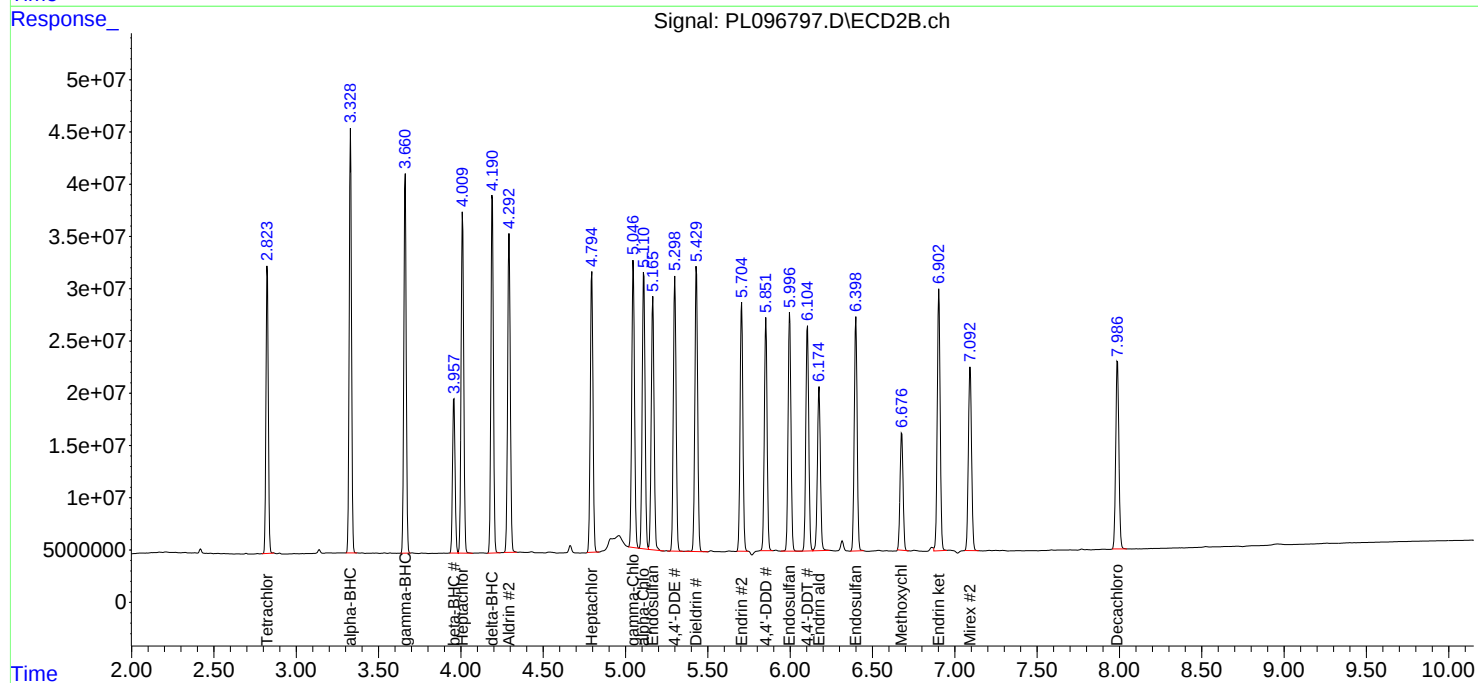
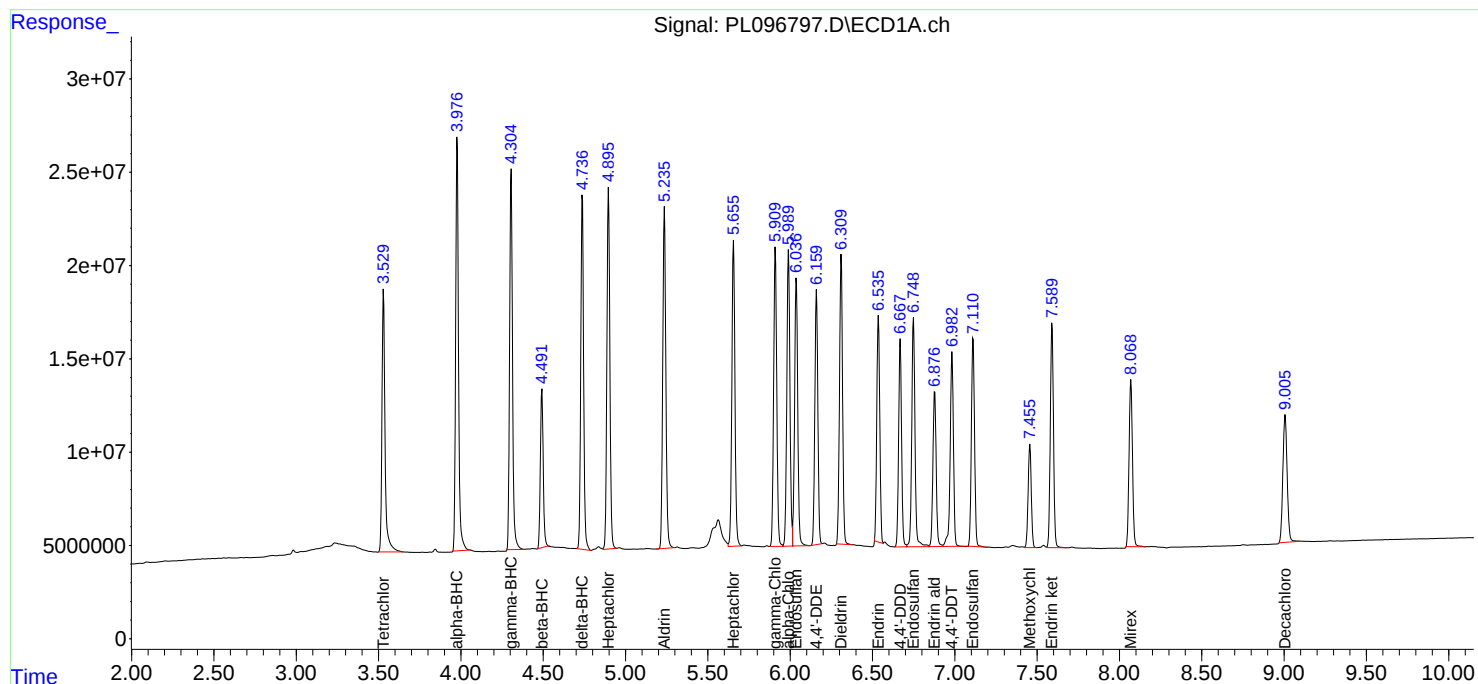
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

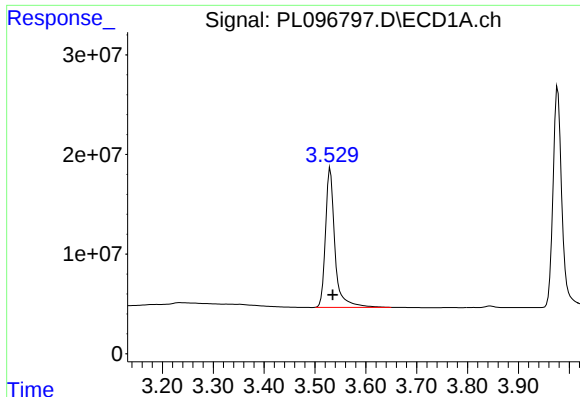
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

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





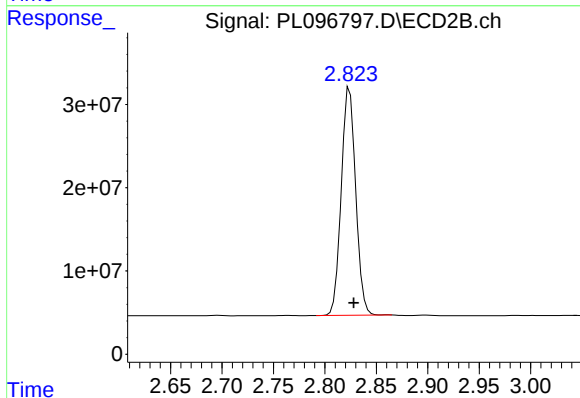
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 180744128
Conc: 56.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

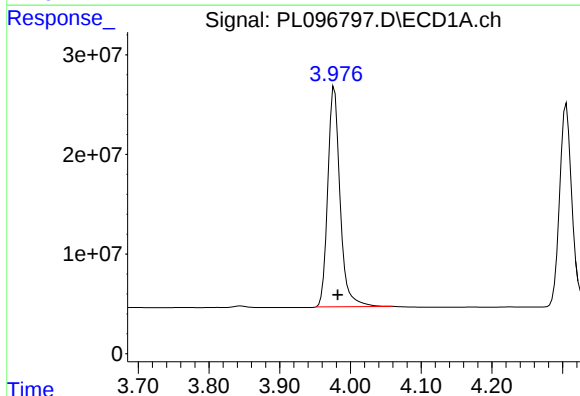
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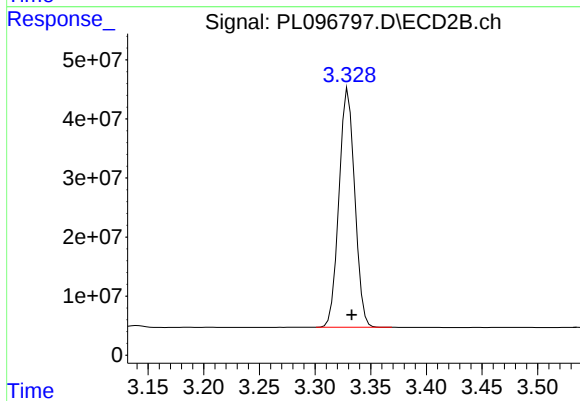
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 267107313
Conc: 55.91 ng/ml



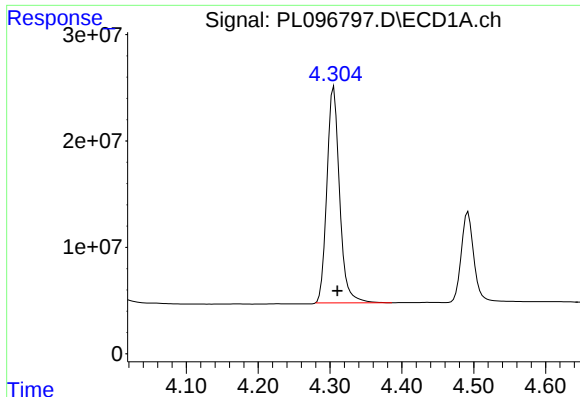
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.005 min
Response: 266423311
Conc: 57.59 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 398062814
Conc: 56.25 ng/ml



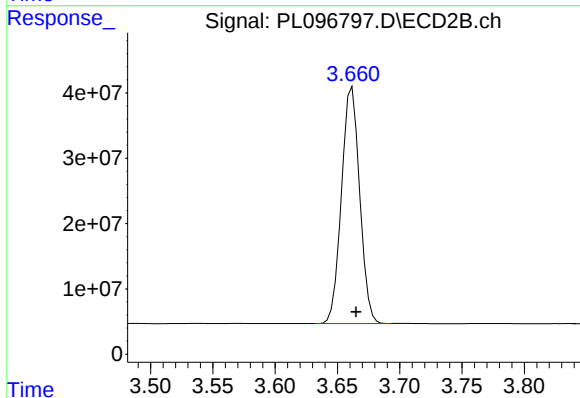
#3 gamma-BHC (Lindane)

R.T.: 4.305 min
Delta R.T.: -0.005 min
Response: 248536791
Conc: 56.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

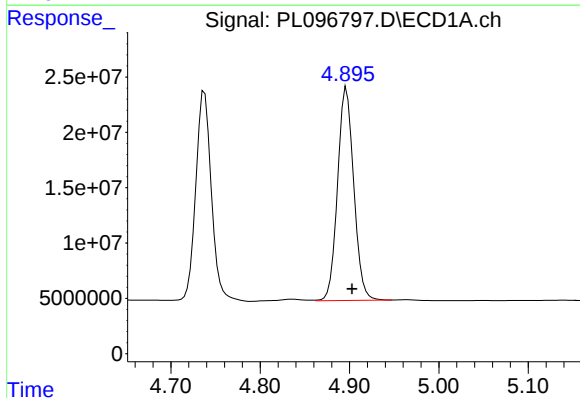
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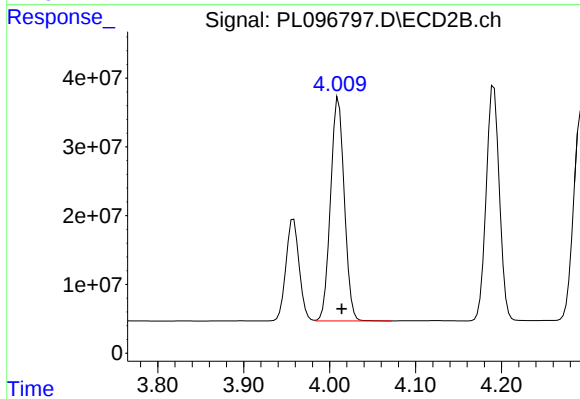
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 369058689
Conc: 55.89 ng/ml



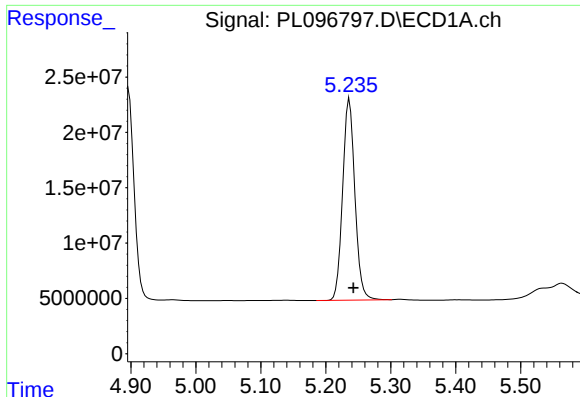
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 242150002
Conc: 58.27 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 359839304
Conc: 54.01 ng/ml



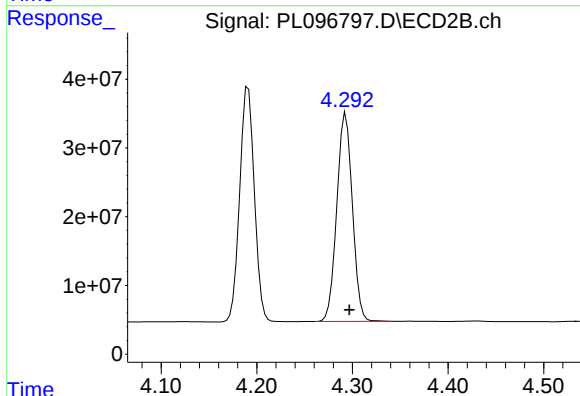
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.006 min
Response: 239033939
Conc: 55.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

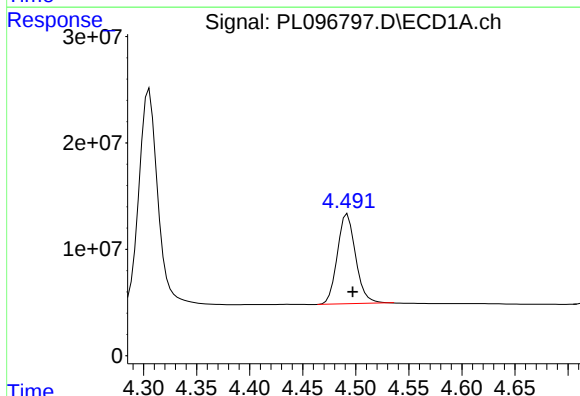
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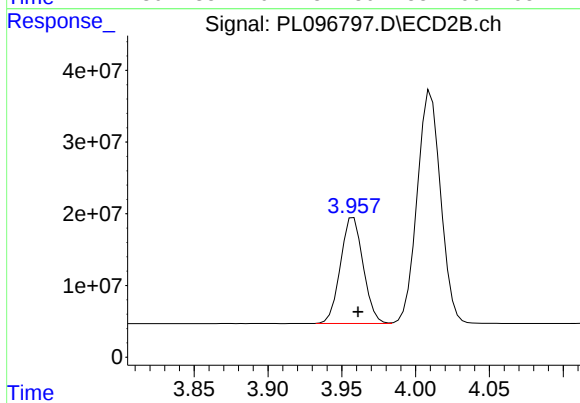
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 342899508
Conc: 55.24 ng/ml



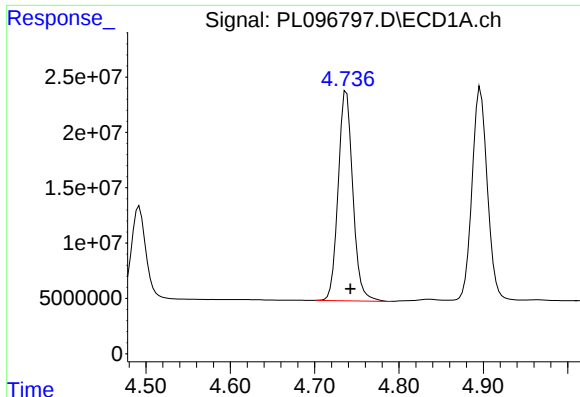
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 101148926
Conc: 56.04 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 158155006
Conc: 56.07 ng/ml



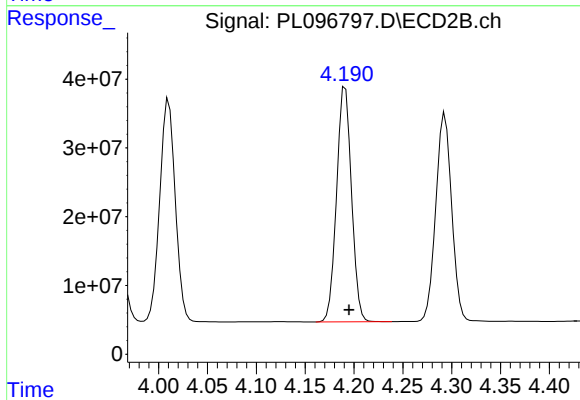
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 228849681
Conc: 57.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

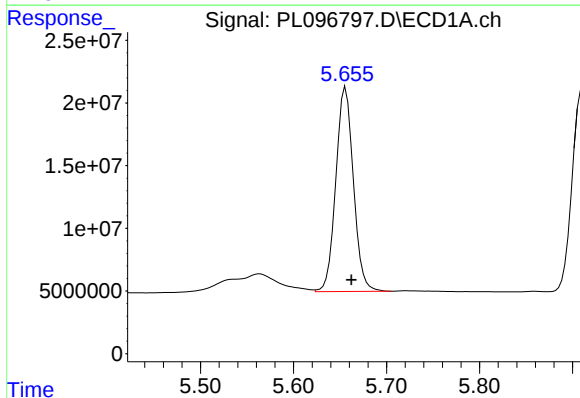
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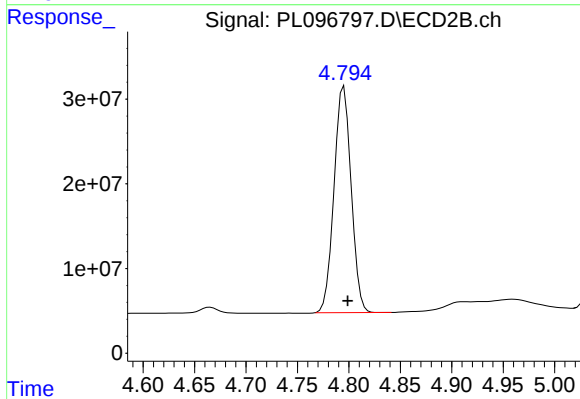
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 363551070
Conc: 56.16 ng/ml



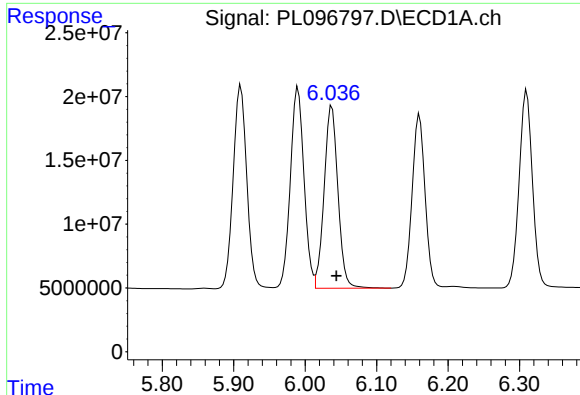
#8 Heptachlor epoxide

R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 214206029
Conc: 55.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 310058314
Conc: 54.29 ng/ml



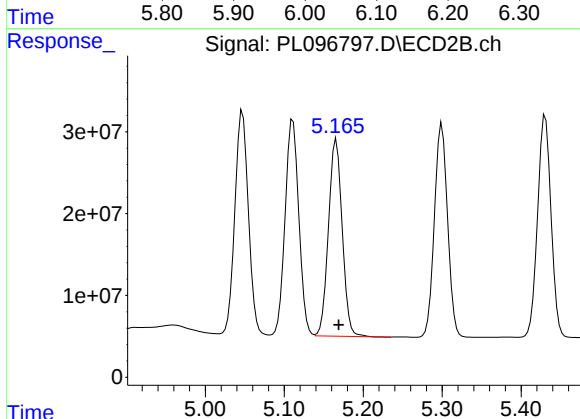
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.006 min
Response: 192801186
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

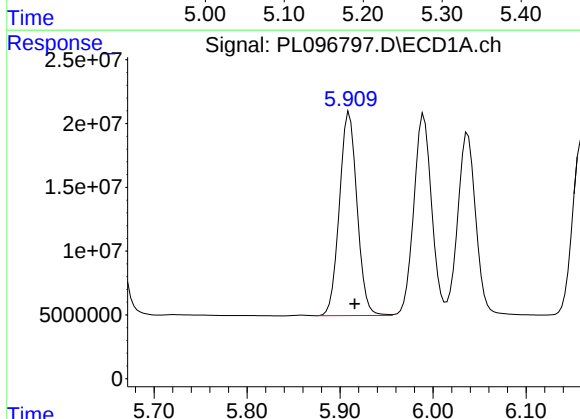
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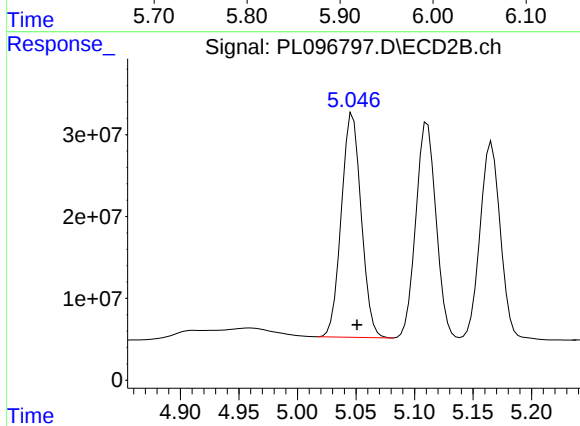
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 291413626
Conc: 52.68 ng/ml



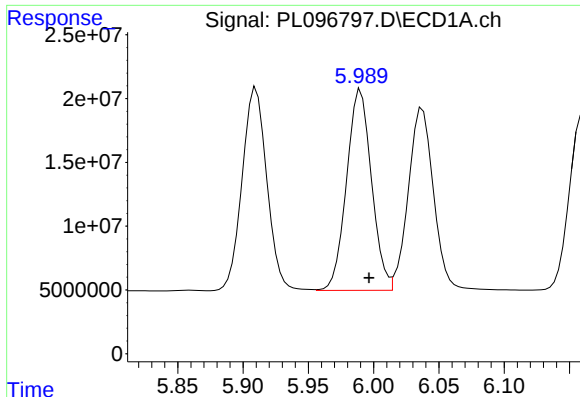
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 210361942
Conc: 55.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 323671301
Conc: 55.05 ng/ml



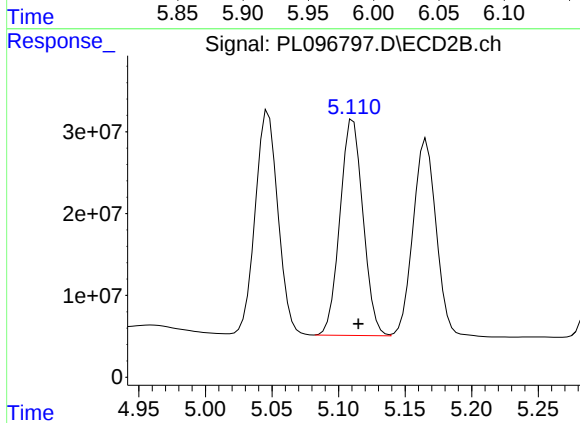
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.006 min
Response: 209760781
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

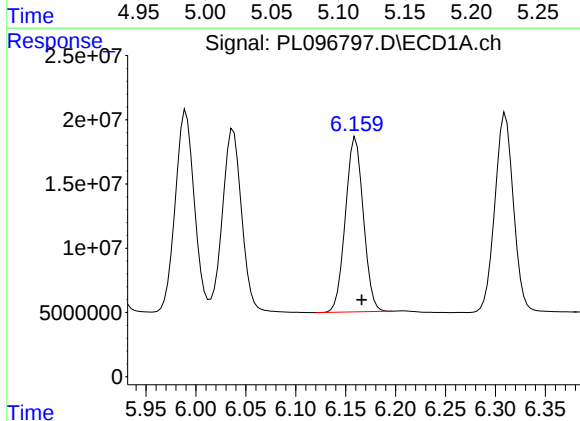
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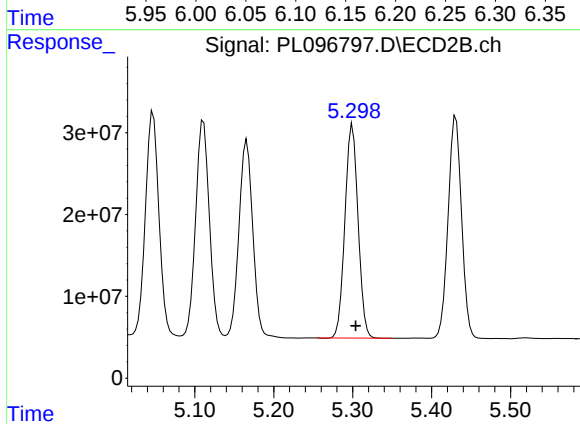
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 317965112
Conc: 53.90 ng/ml



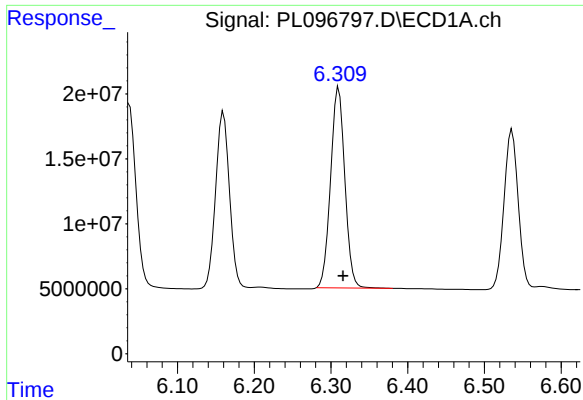
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 170035751
Conc: 52.95 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 302803177
Conc: 54.91 ng/ml



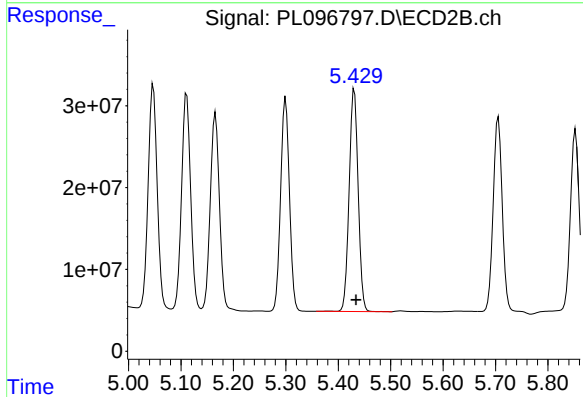
#13 Dieldrin

R.T.: 6.310 min
Delta R.T.: -0.006 min
Response: 198920642
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

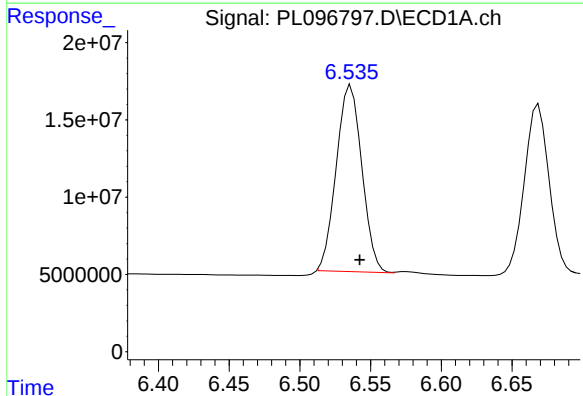
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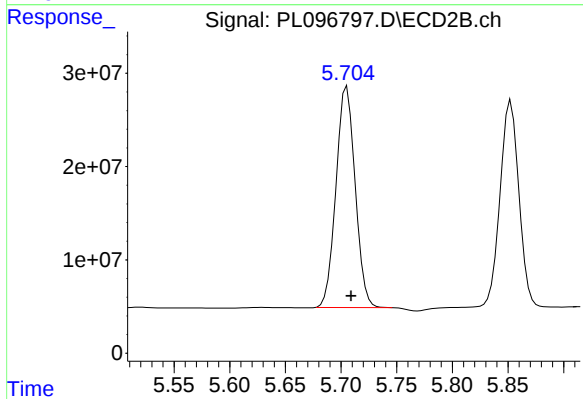
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 322991774
Conc: 54.68 ng/ml



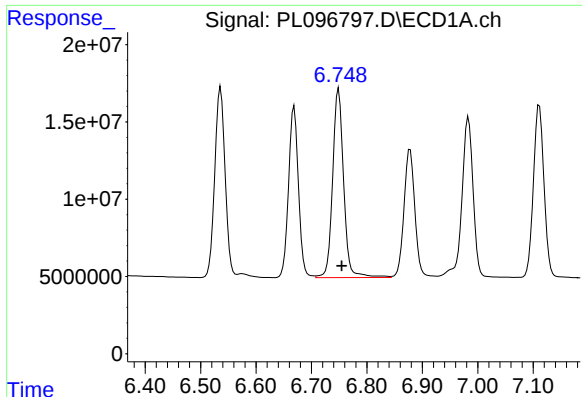
#14 Endrin

R.T.: 6.536 min
Delta R.T.: -0.006 min
Response: 151971733
Conc: 50.21 ng/ml



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 283982175
Conc: 52.53 ng/ml



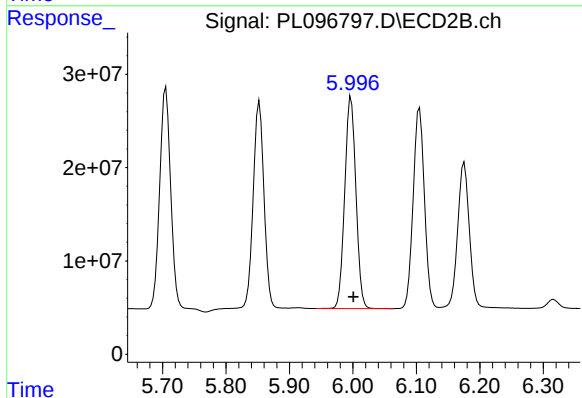
#15 Endosulfan II

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 168777535
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

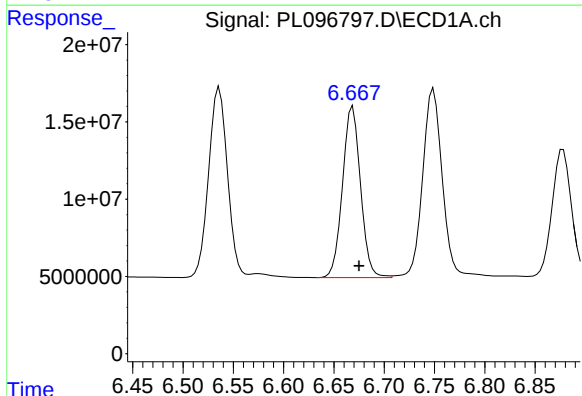
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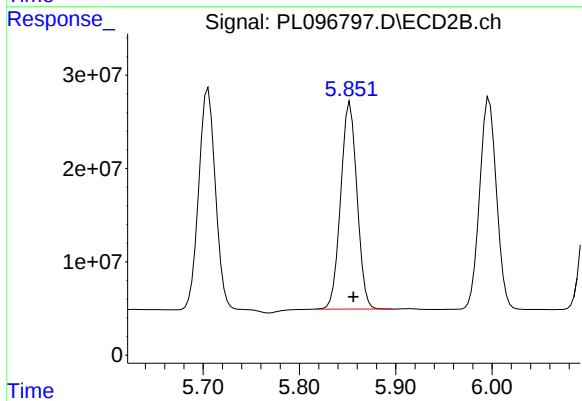
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 277897369
Conc: 54.11 ng/ml



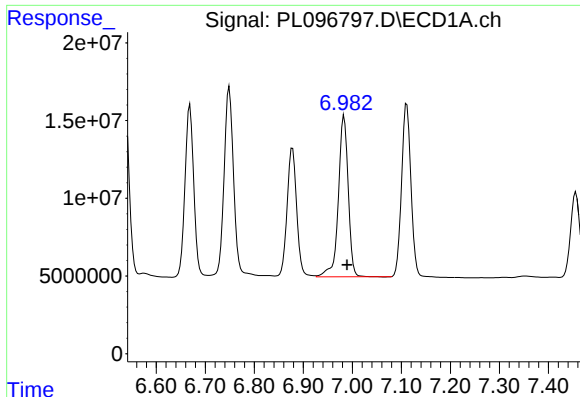
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 137679301
Conc: 54.45 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 260417363
Conc: 55.35 ng/ml



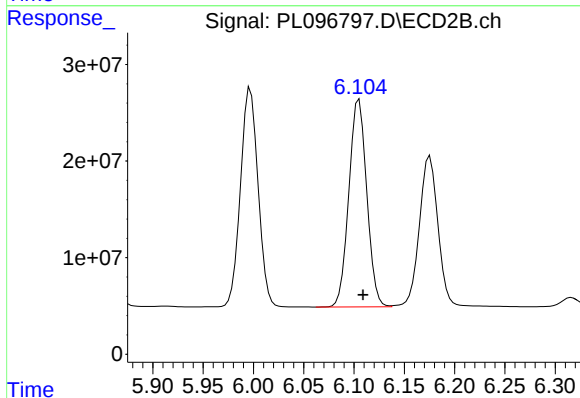
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 144505427
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

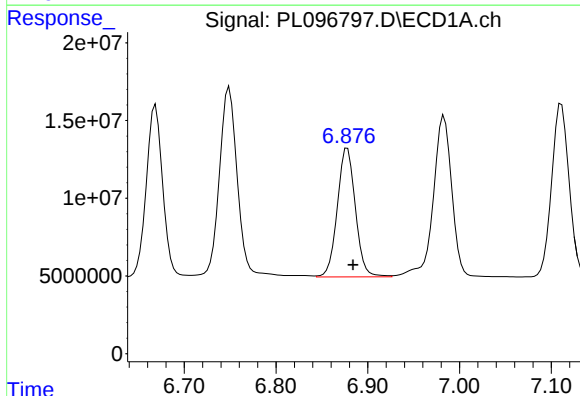
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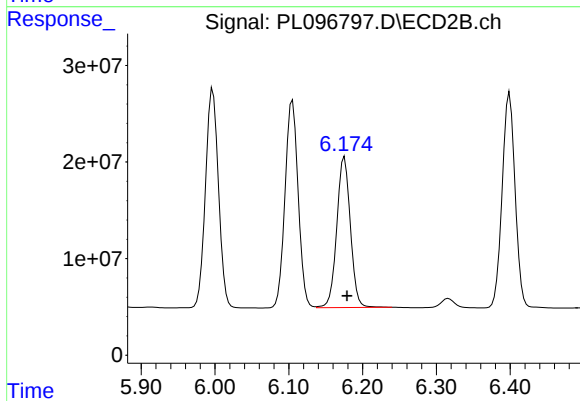
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 265607350
Conc: 52.51 ng/ml



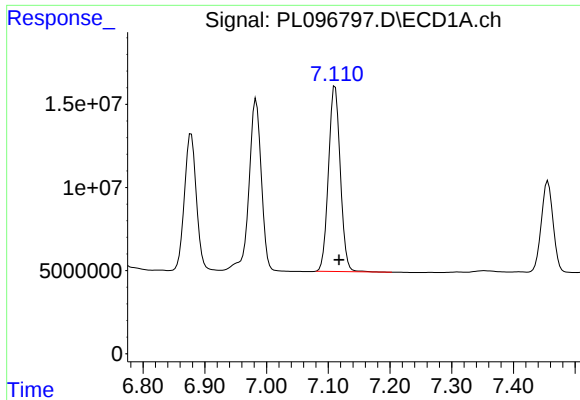
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 113389881
Conc: 52.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 199608722
Conc: 54.91 ng/ml



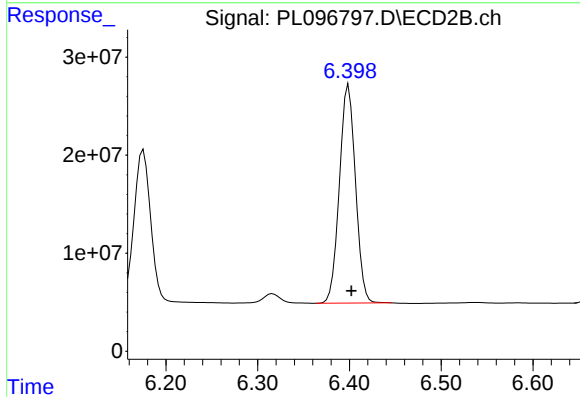
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.006 min
Response: 148075059
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

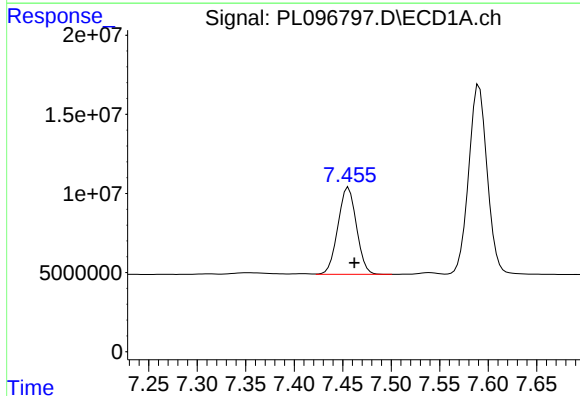
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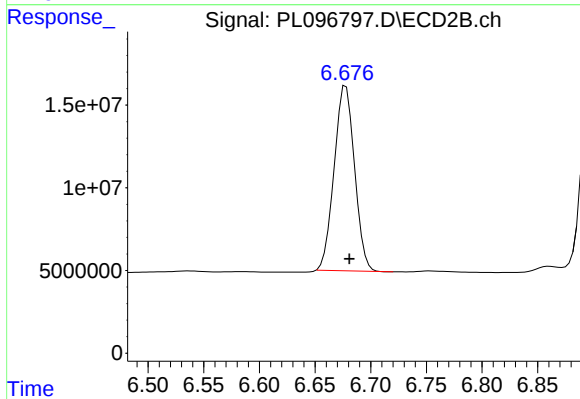
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 270797403
Conc: 53.24 ng/ml



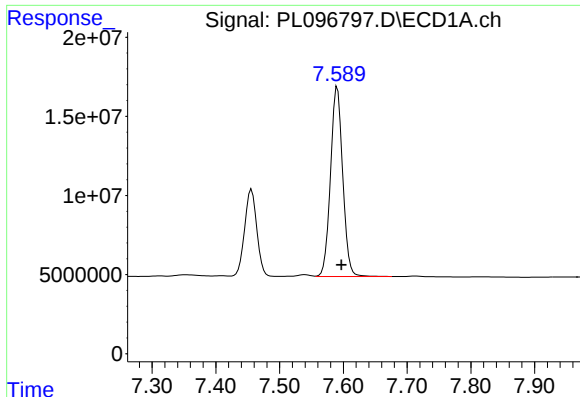
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 73201538
Conc: 49.85 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 142477636
Conc: 51.99 ng/ml



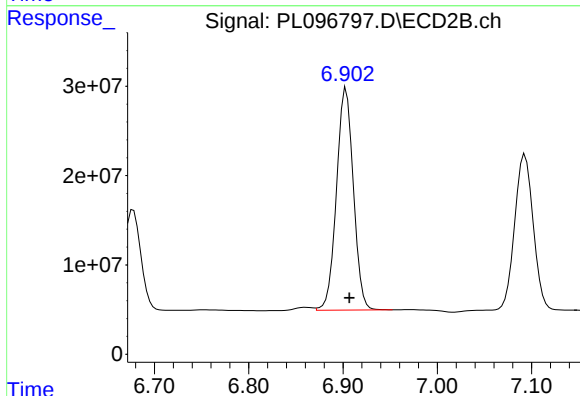
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.006 min
Response: 159567425
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

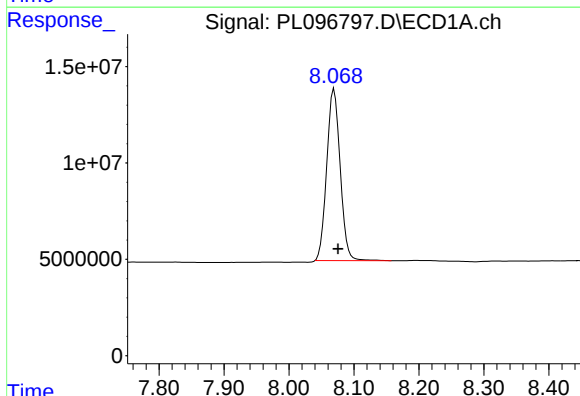
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



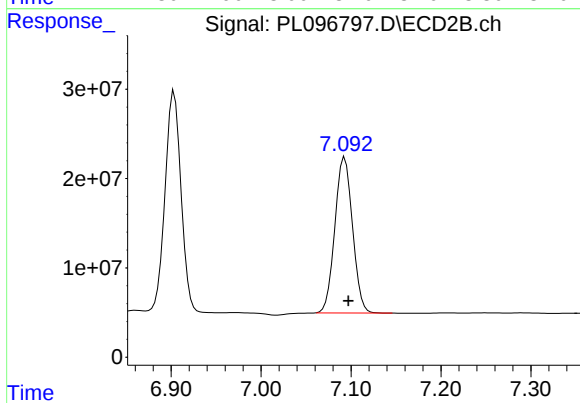
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 309799015
Conc: 55.62 ng/ml



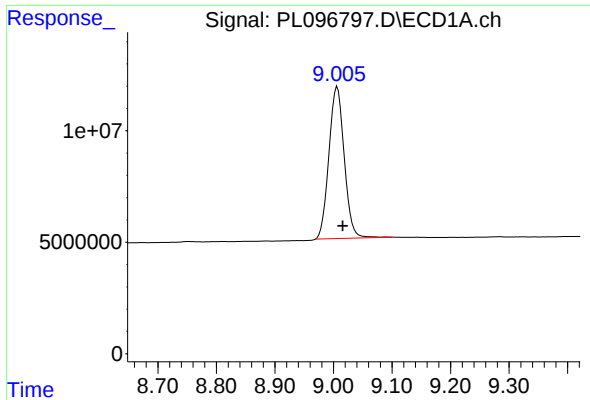
#22 Mirex

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 128104657
Conc: 51.67 ng/ml



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 238079032
Conc: 54.59 ng/ml



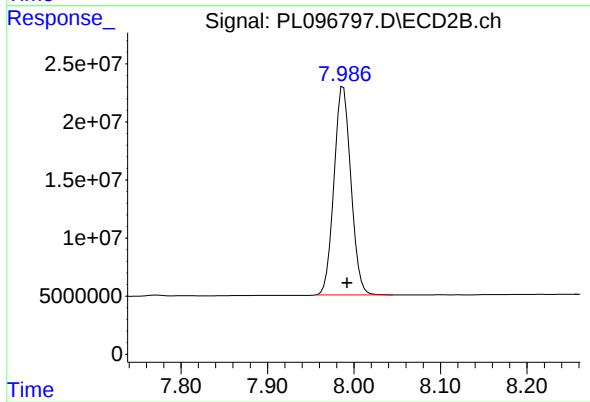
#28 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: -0.009 min
Response: 123867312
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 242674098
Conc: 55.94 ng/ml