

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 14:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2025
 Supervised By : mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:25:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.827	193.1E6	316.9E6	52.911	54.912
28)	SA Decachlor...	9.018	7.993	130.8E6	235.3E6	46.511	47.189
Target Compounds							
2)	A alpha-BHC	3.983	3.333	280.0E6	476.6E6	54.445	56.502
3)	MA gamma-BHC...	4.311	3.665	267.9E6	439.3E6	53.798	55.777
4)	MA Heptachlor	4.904	4.014	244.9E6	418.9E6	53.457	55.064
5)	MB Aldrin	5.243	4.297	249.7E6	404.2E6	51.657	55.401
6)	B beta-BHC	4.498	3.961	113.6E6	186.4E6	54.653	54.441
7)	B delta-BHC	4.744	4.194	249.5E6	430.7E6	55.685	55.923
8)	B Heptachlo...	5.663	4.799	230.0E6	358.7E6	55.424	53.655
9)	A Endosulfan I	6.045	5.169	206.8E6	325.6E6	51.232	45.390
10)	B gamma-Chl...	5.917	5.051	228.4E6	378.4E6	51.620	53.901
11)	B alpha-Chl...	5.998	5.114	224.4E6	368.7E6	51.245	49.025
12)	B 4,4'-DDE	6.168	5.303	189.2E6	344.6E6	51.030	53.314
13)	MA Dieldrin	6.317	5.433	215.2E6	372.2E6	50.900	54.588m
14)	MA Endrin	6.544	5.709	169.4E6	335.5E6	54.474	55.031
15)	B Endosulfa...	6.755	6.000	178.8E6	308.3E6	51.521m	52.568
16)	A 4,4'-DDD	6.676	5.856	162.4E6	293.1E6	55.781	57.151
17)	MA 4,4'-DDT	6.991	6.109	154.8E6	281.2E6	51.003	49.024
18)	B Endrin al...	6.884	6.179	127.2E6	229.1E6	56.877m	51.429
19)	B Endosulfa...	7.118	6.402	156.5E6	302.2E6	51.179	53.729
20)	A Methoxychlor	7.463	6.681	77714408	148.0E6	49.330	48.715
21)	B Endrin ke...	7.598	6.907	165.2E6	332.2E6	50.047	53.138
22)	Mirex	8.078	7.098	134.5E6	247.3E6	48.339	49.767

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 14:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

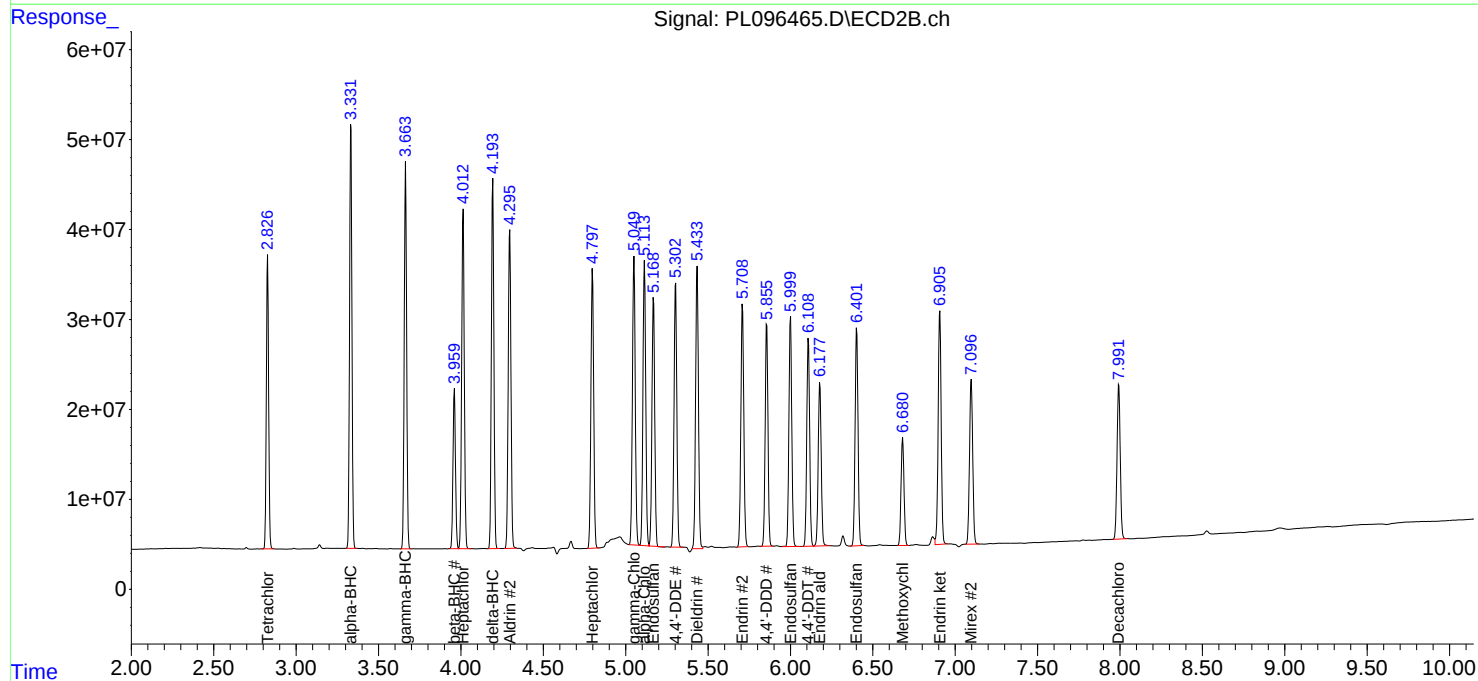
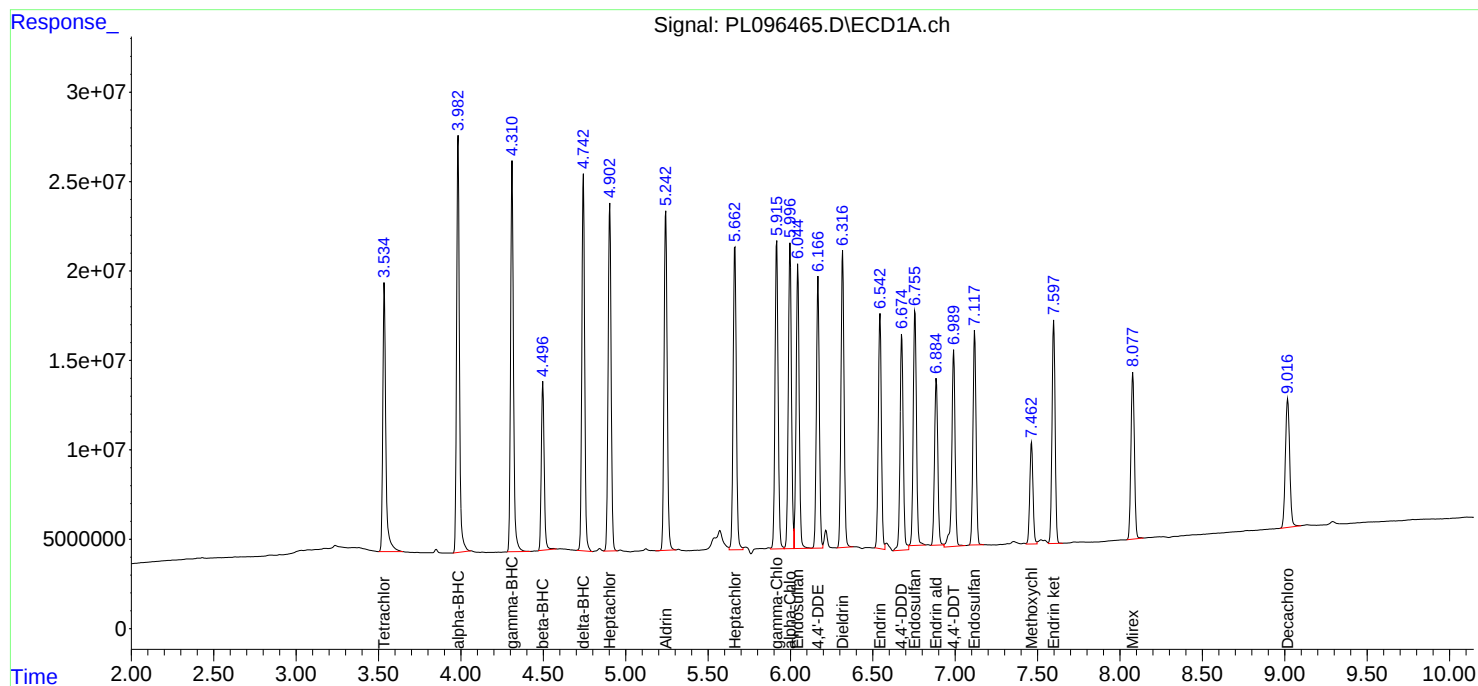
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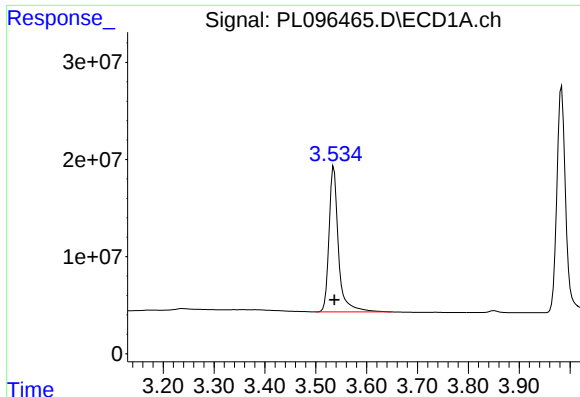
Reviewed By :Abdul Mirza 07/21/2025

Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:25:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





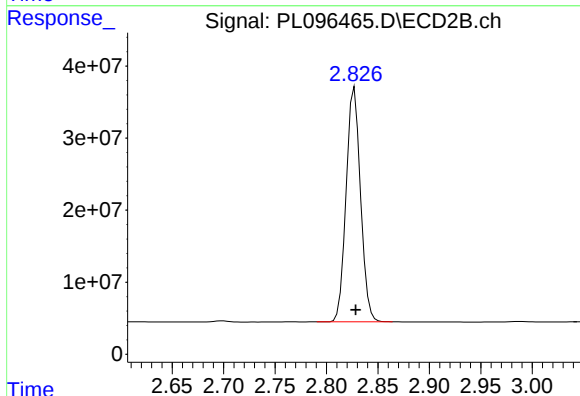
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 193071356
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

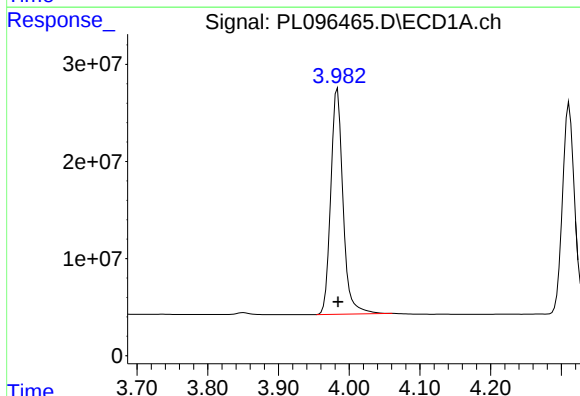
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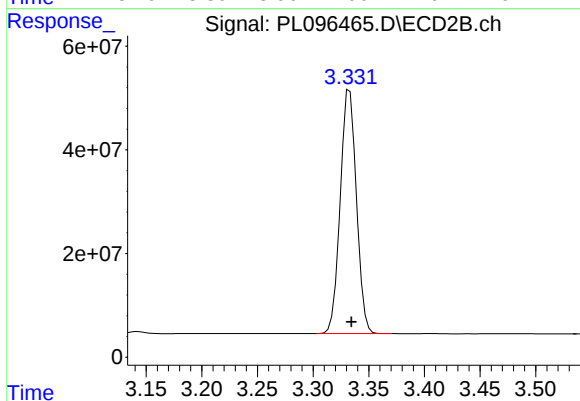
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 316909718
Conc: 54.91 ng/ml



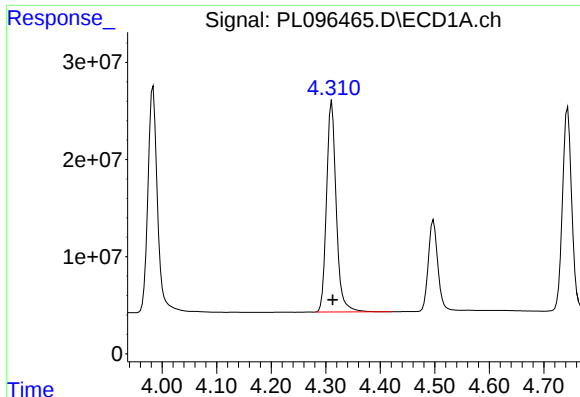
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 280018289
Conc: 54.44 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 476556530
Conc: 56.50 ng/ml



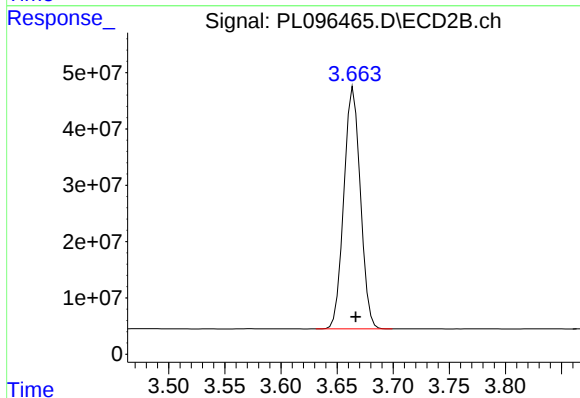
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 267895457
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

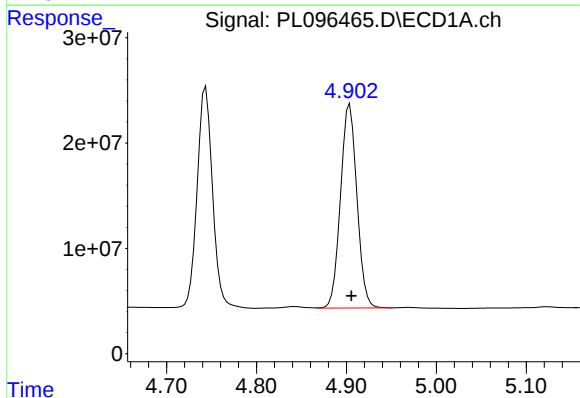
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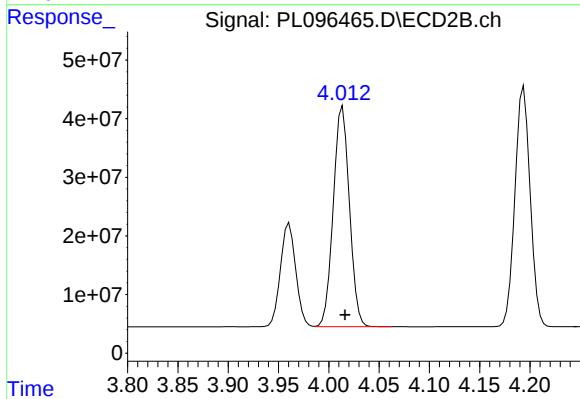
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 439294639
Conc: 55.78 ng/ml



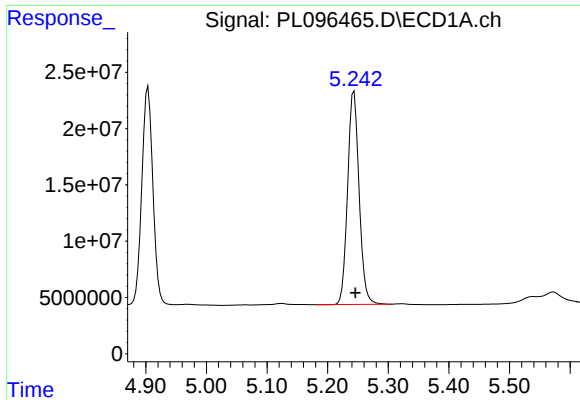
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 244900297
Conc: 53.46 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 418914500
Conc: 55.06 ng/ml



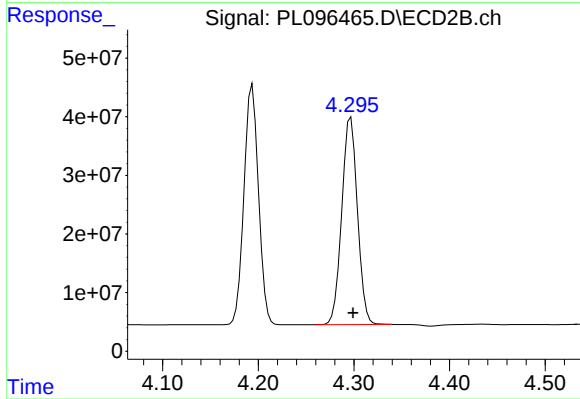
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 249692981
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

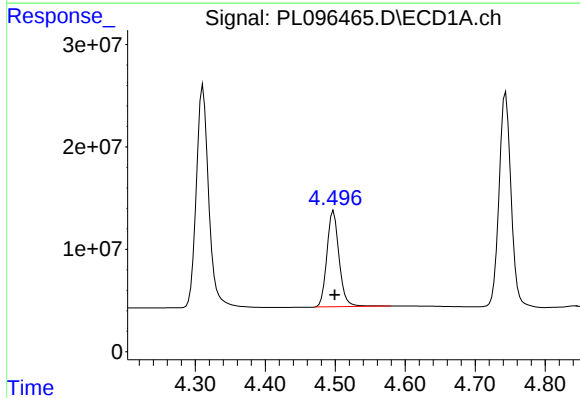
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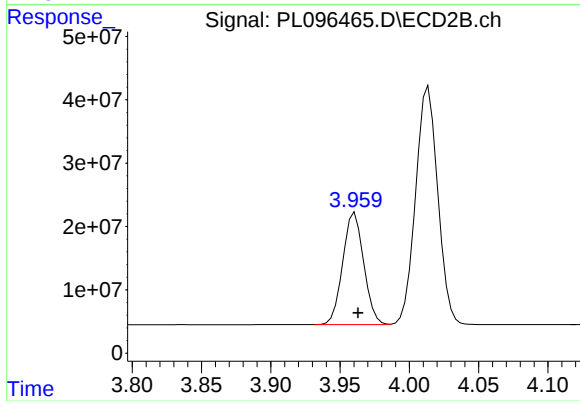
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.003 min
Response: 404182909
Conc: 55.40 ng/ml



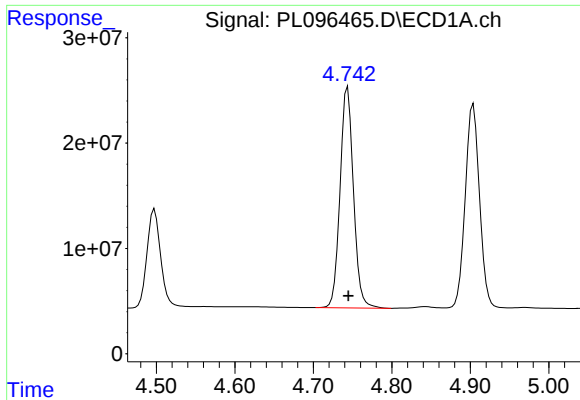
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 113611736
Conc: 54.65 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 186401632
Conc: 54.44 ng/ml



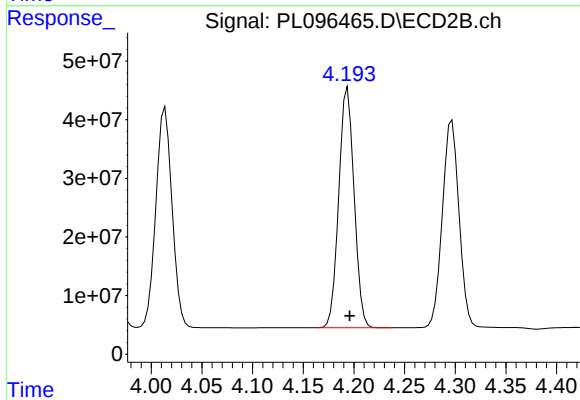
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 249543126
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

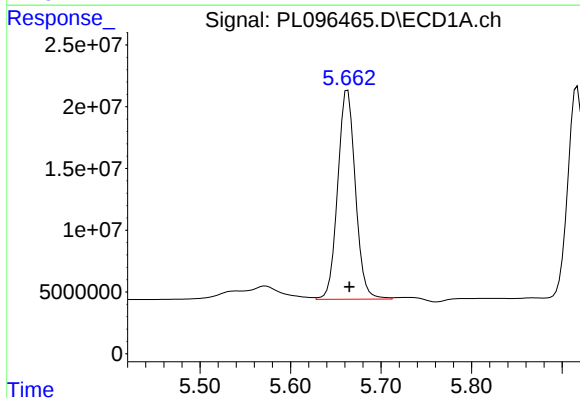
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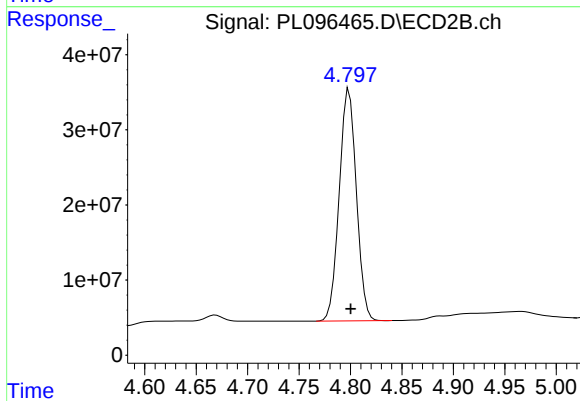
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 430711866
Conc: 55.92 ng/ml



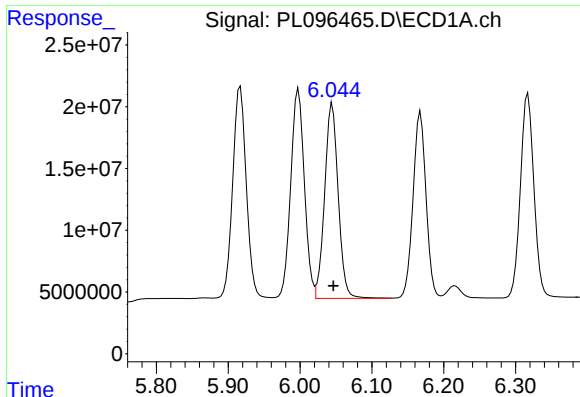
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 229961299
Conc: 55.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 358678757
Conc: 53.66 ng/ml



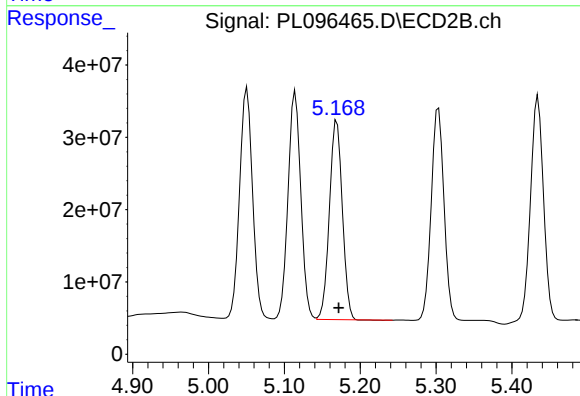
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 206837915
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

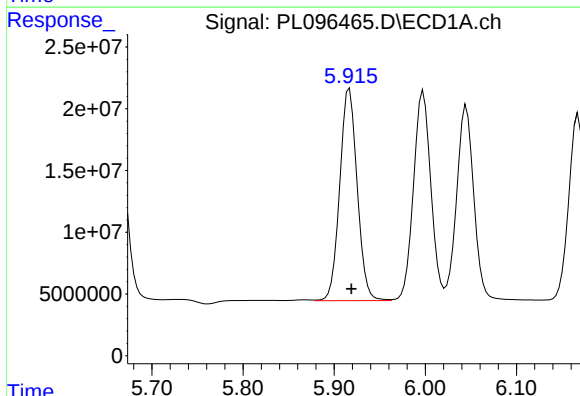
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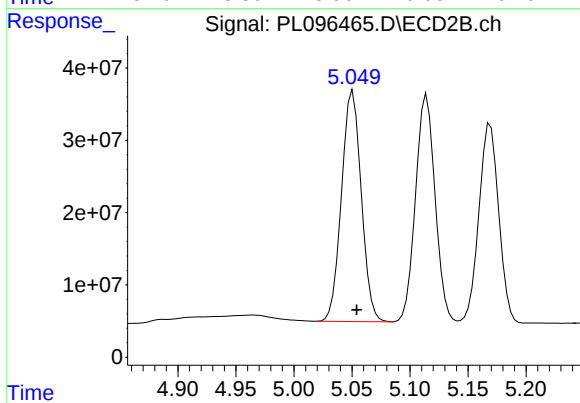
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 325634919
Conc: 45.39 ng/ml



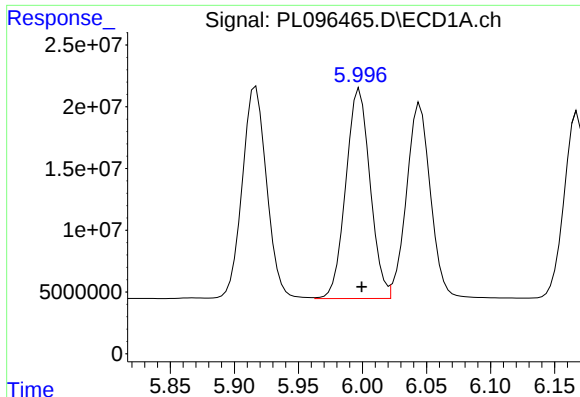
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 228406016
Conc: 51.62 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 378366668
Conc: 53.90 ng/ml



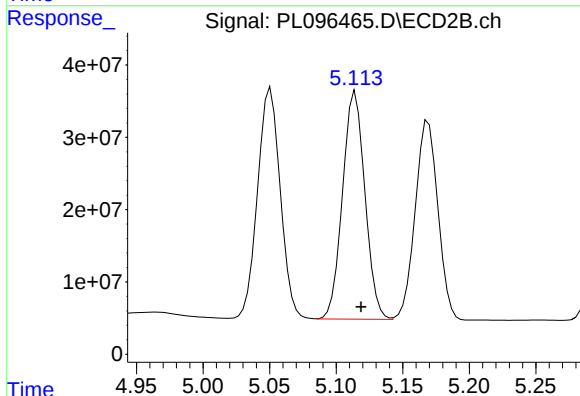
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 224392572
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

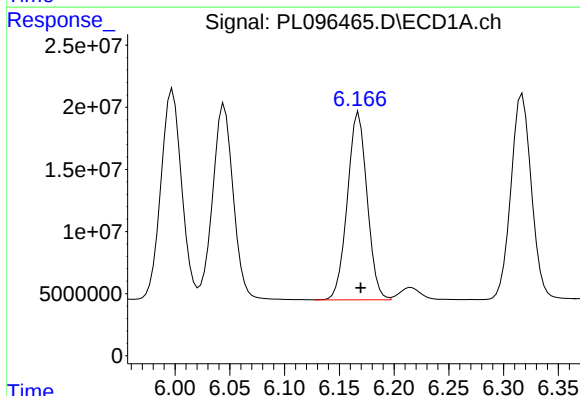
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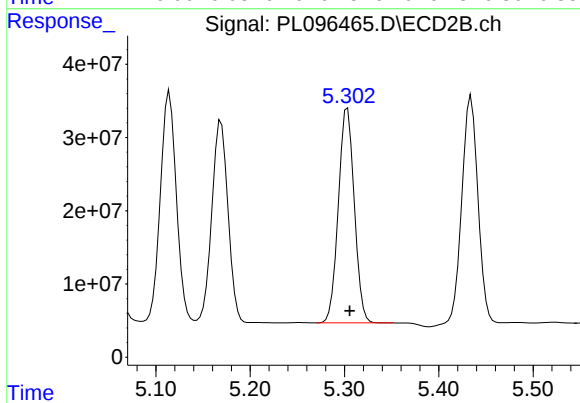
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 368677269
Conc: 49.02 ng/ml



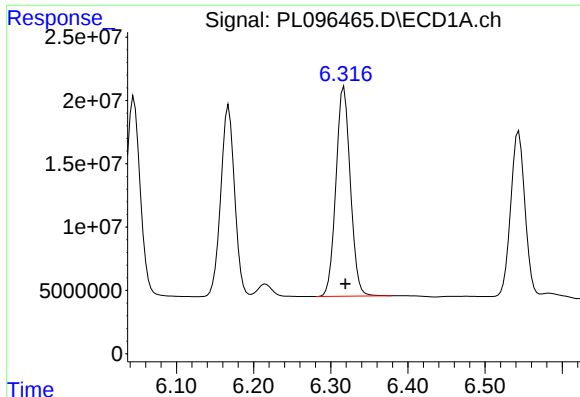
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 189191850
Conc: 51.03 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 344606434
Conc: 53.31 ng/ml



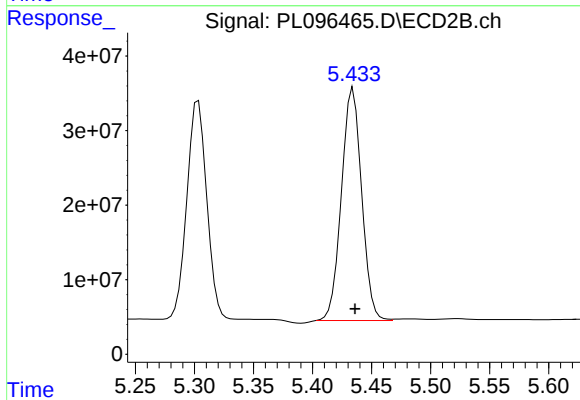
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 215225113
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

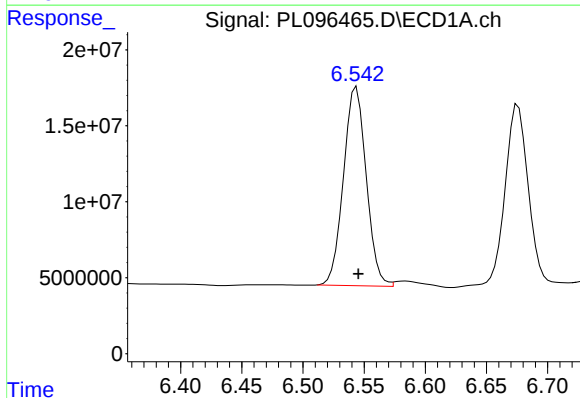
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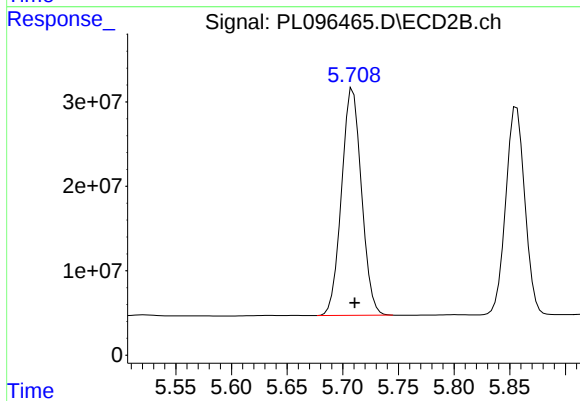
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 372248969
Conc: 54.59 ng/ml m



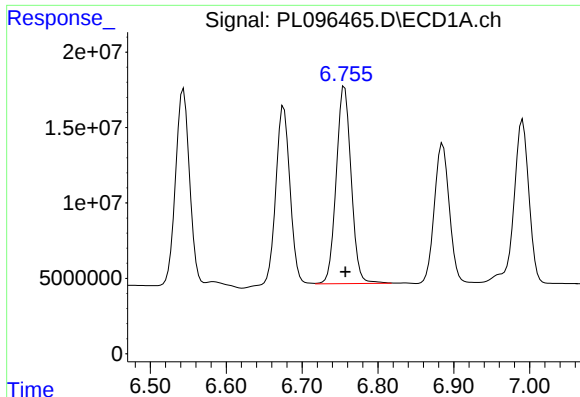
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 169424854
Conc: 54.47 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 335498074
Conc: 55.03 ng/ml



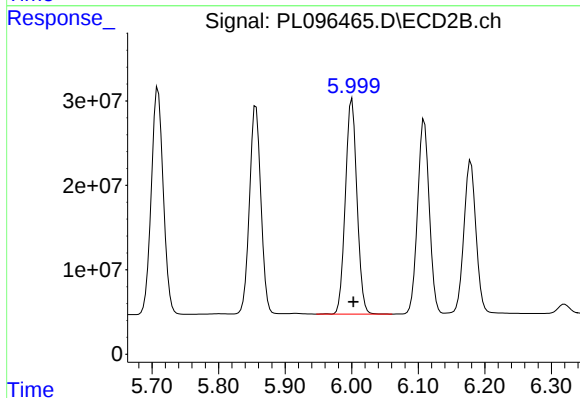
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 178779073
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

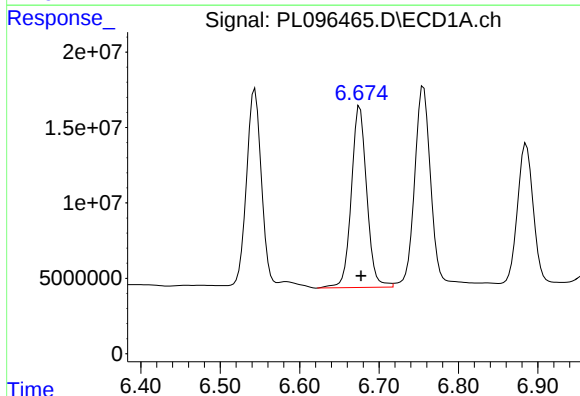
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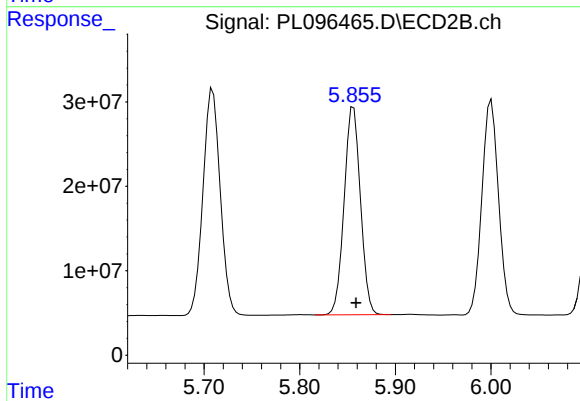
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.002 min
Response: 308252844
Conc: 52.57 ng/ml



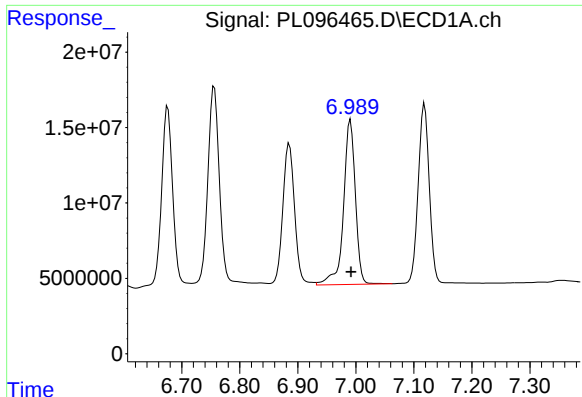
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 162418154
Conc: 55.78 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 293112169
Conc: 57.15 ng/ml



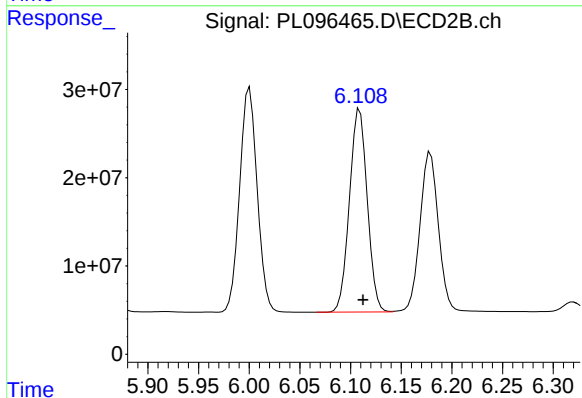
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 154803265
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

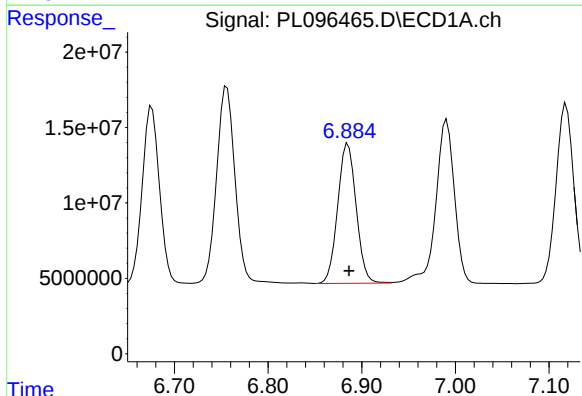
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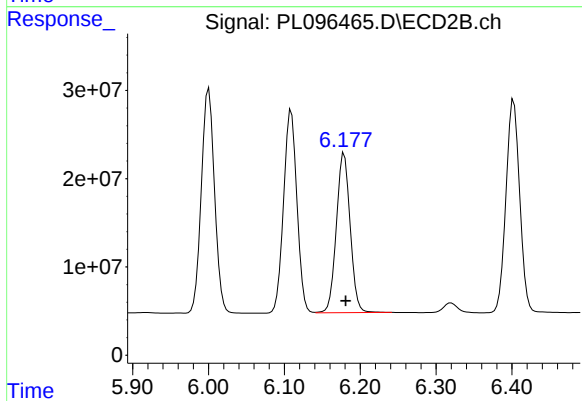
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 281158964
Conc: 49.02 ng/ml



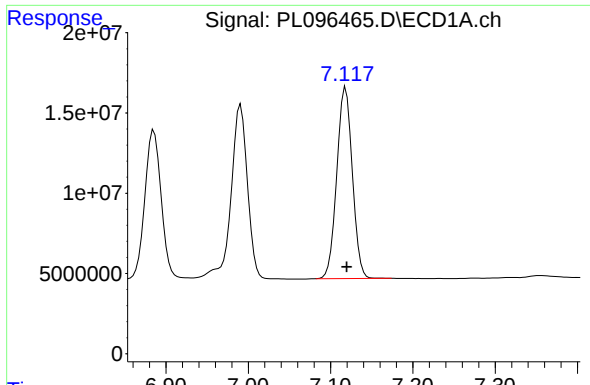
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 127150963
Conc: 56.88 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 229094735
Conc: 51.43 ng/ml



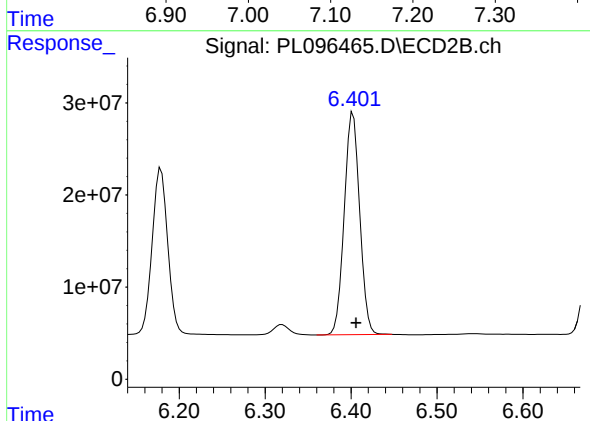
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 156548569
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

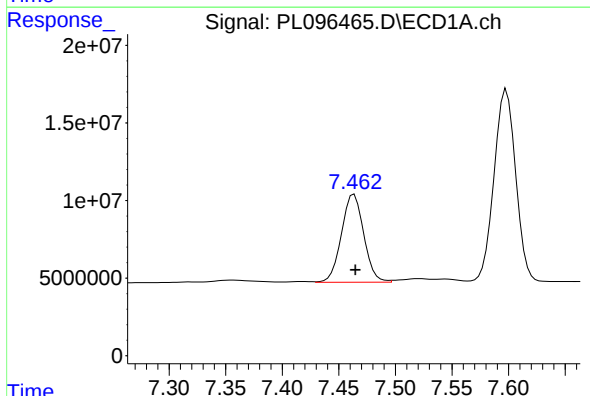
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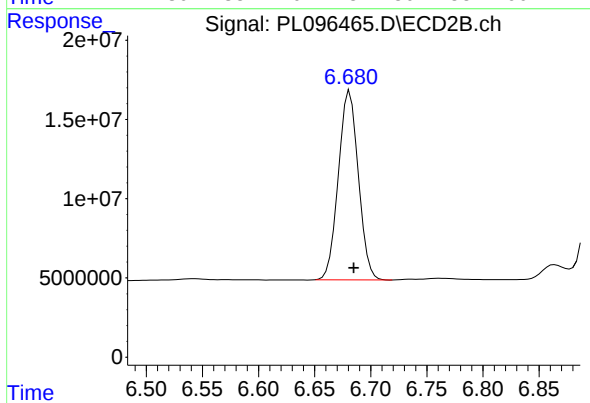
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 302194698
Conc: 53.73 ng/ml



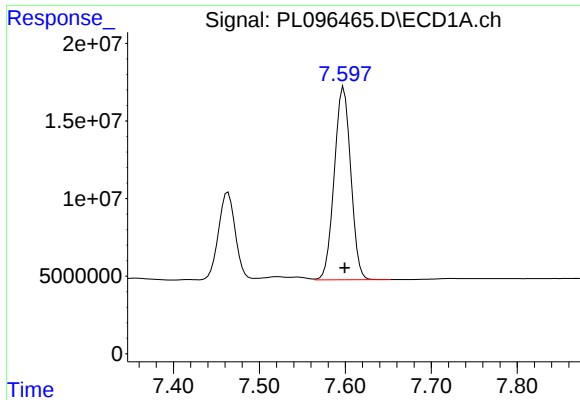
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 77714408
Conc: 49.33 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 147984785
Conc: 48.71 ng/ml



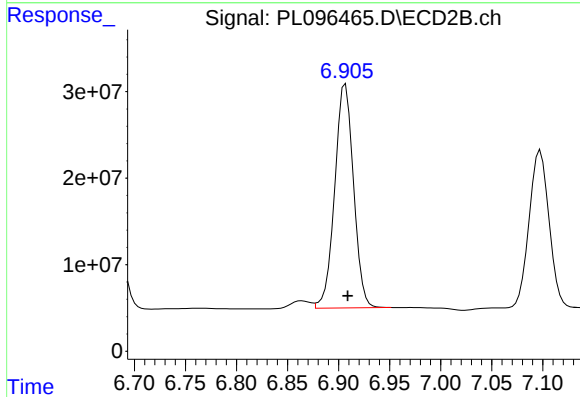
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 165237000
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

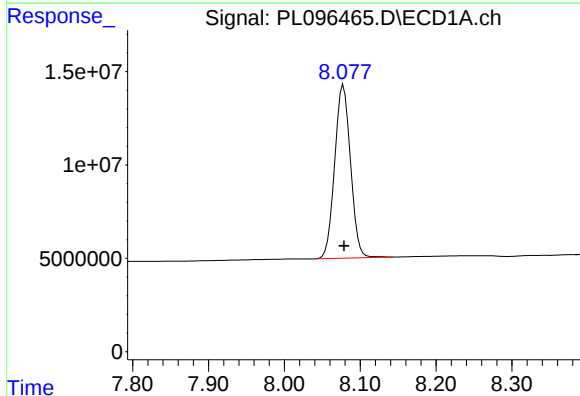
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



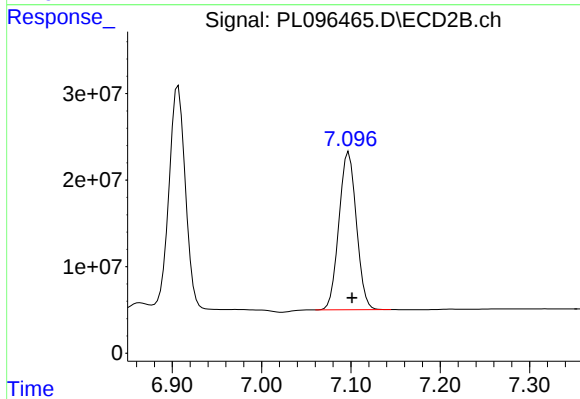
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 332233691
Conc: 53.14 ng/ml



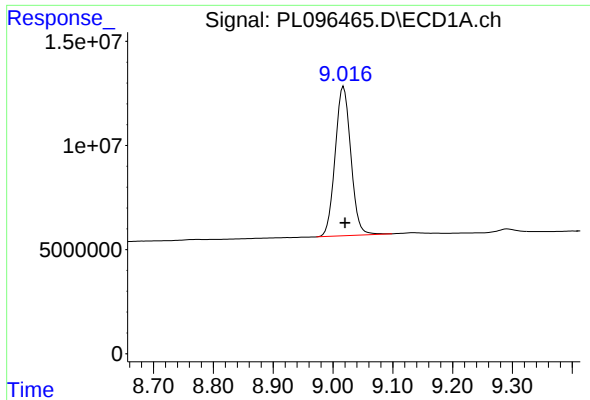
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 134489145
Conc: 48.34 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 247253217
Conc: 49.77 ng/ml



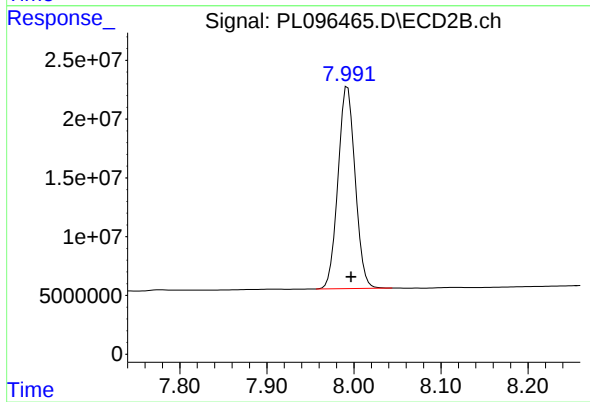
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 130839319
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 07/22/2025



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 235305997
Conc: 47.19 ng/ml