

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 22:27
 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 20 04:47:36 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...	3.531	2.826	176.3E6	253.2E6	55.436	53.001
28)	SA Decachlor...	9.003	7.985	127.4E6	188.4E6	53.438m	43.420m
Target Compounds							
2)	A alpha-BHC	3.977	3.331	259.1E6	378.4E6	56.003	53.476
3)	MA gamma-BHC...	4.305	3.663	243.3E6	350.9E6	55.011	53.139
4)	MA Heptachlor	4.896	4.011	237.5E6	346.0E6	57.144	51.930
5)	MB Aldrin	5.236	4.293	230.6E6	329.5E6	53.609	53.085
6)	B beta-BHC	4.491	3.959	103.1E6	149.9E6	57.143m	53.140
7)	B delta-BHC	4.737	4.191	226.0E6	342.3E6	56.633	52.880
8)	B Heptachlo...	5.653	4.795	210.8E6	293.3E6	54.670m	51.361
9)	A Endosulfan I	6.036	5.166	193.0E6	263.8E6	53.667	47.691
10)	B gamma-Chl...	5.908	5.047	217.8E6	304.7E6	57.236	51.815
11)	B alpha-Chl...	5.989	5.111	211.3E6	298.4E6	54.813	50.580
12)	B 4,4'-DDE	6.159	5.300	175.5E6	280.6E6	54.648	50.881
13)	MA Dieldrin	6.307	5.429	194.9E6	300.6E6	52.517m	50.893m
14)	MA Endrin	6.533	5.705	156.5E6	284.5E6	51.720m	52.633
15)	B Endosulfa...	6.746	5.996	162.8E6	248.4E6	50.831m	48.356
16)	A 4,4'-DDD	6.668	5.852	148.1E6	235.2E6	58.568	49.987
17)	MA 4,4'-DDT	6.982	6.104	144.4E6	231.9E6	50.370	45.842
18)	B Endrin al...	6.877	6.175	117.0E6	179.3E6	54.544	49.325
19)	B Endosulfa...	7.109	6.398	145.7E6	236.5E6	50.705m	46.489
20)	A Methoxychlor	7.454	6.675	71728285	125.4E6	48.849	45.743m
21)	B Endrin ke...	7.589	6.902	149.5E6	272.3E6	49.733	48.880
22)	Mirex	8.066	7.092	123.0E6	198.8E6	49.619m	45.598

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

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Data File : PL096916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 22:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

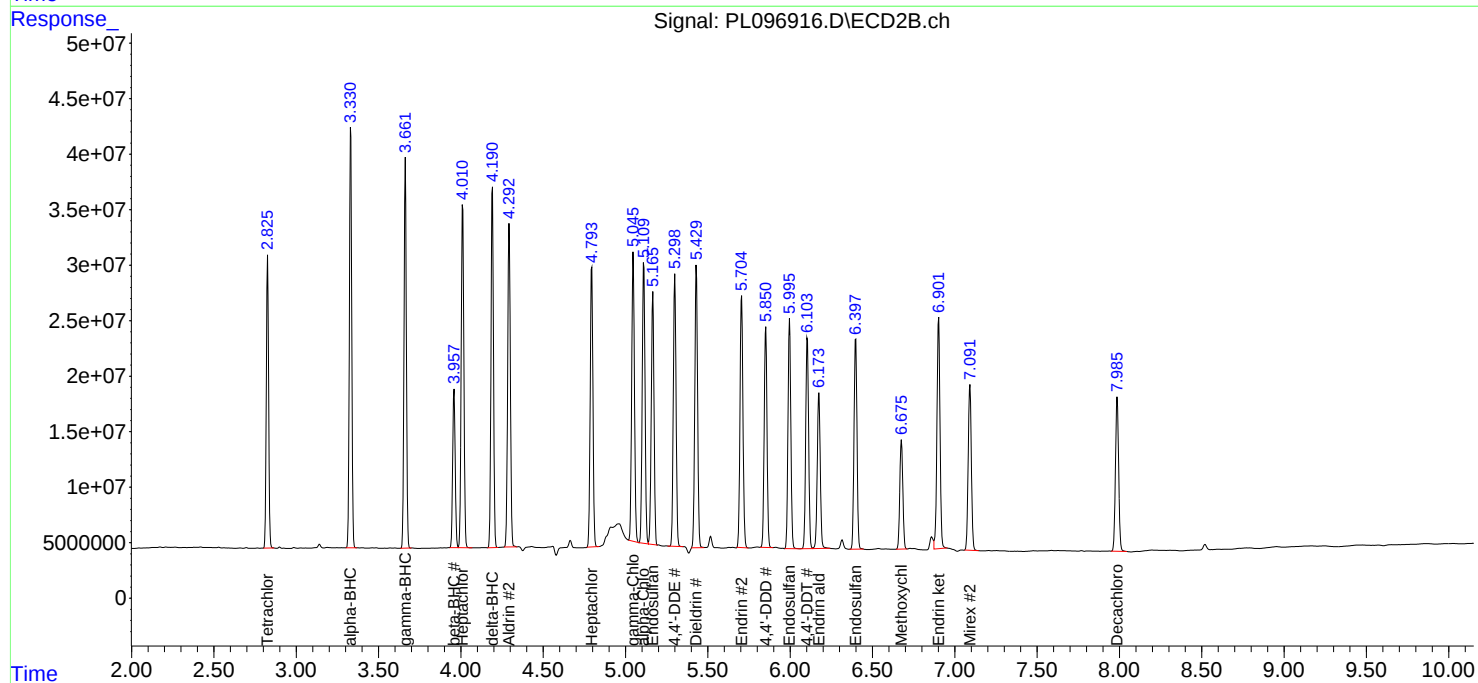
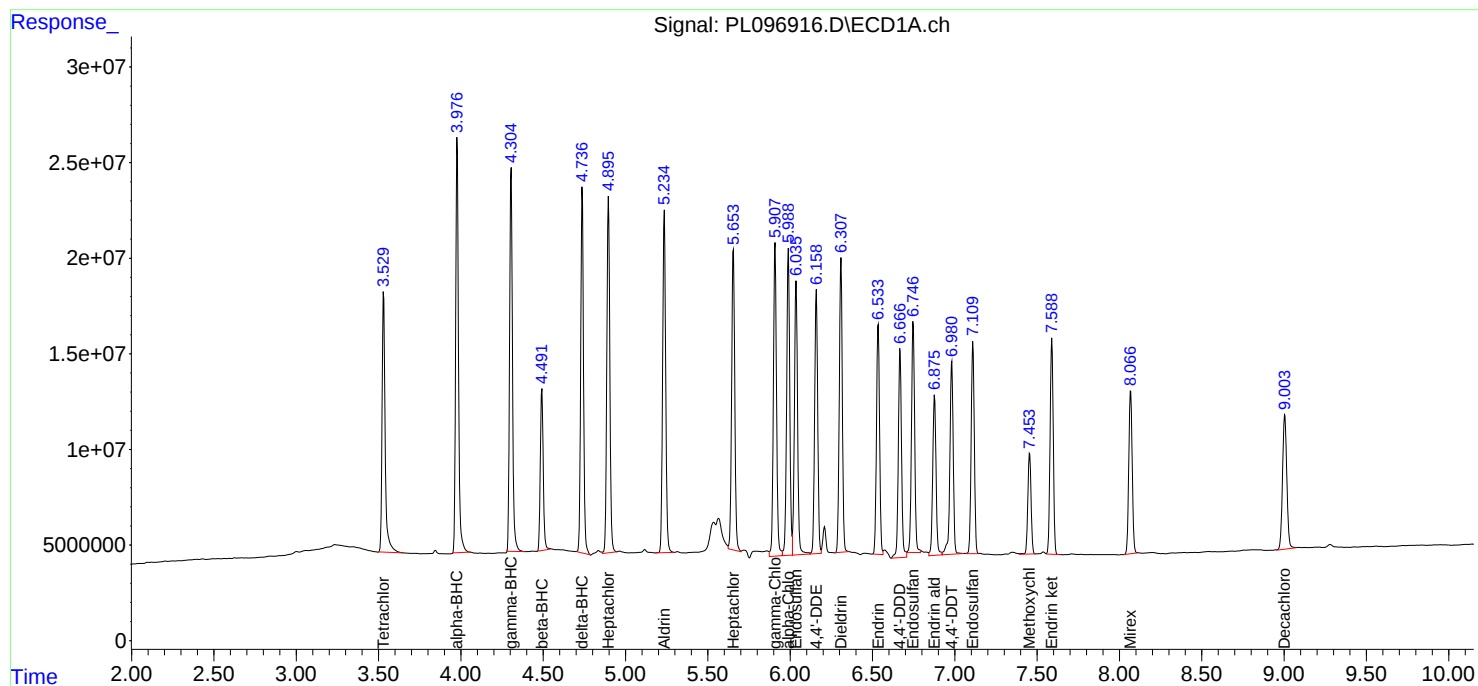
APPROVED

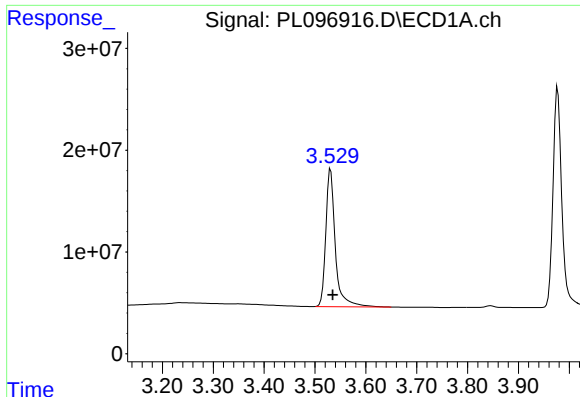
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 04:47:36 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
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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





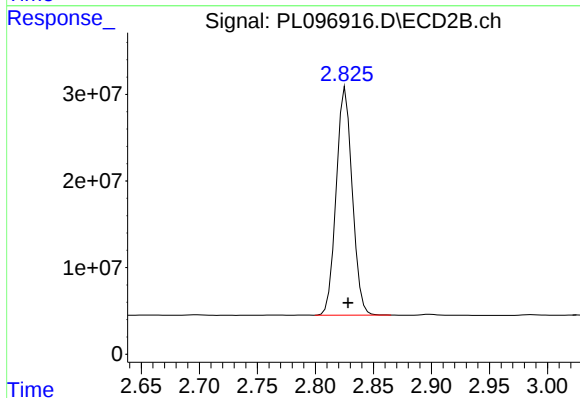
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 176330216
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

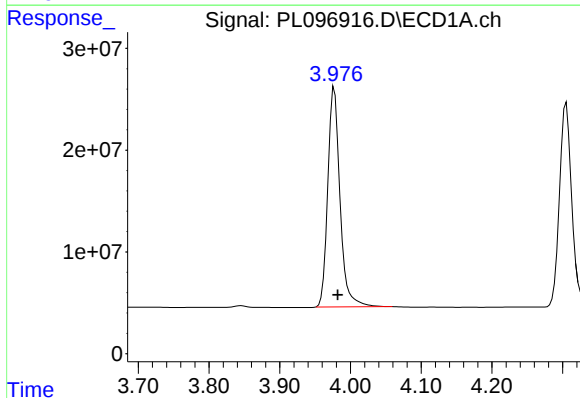
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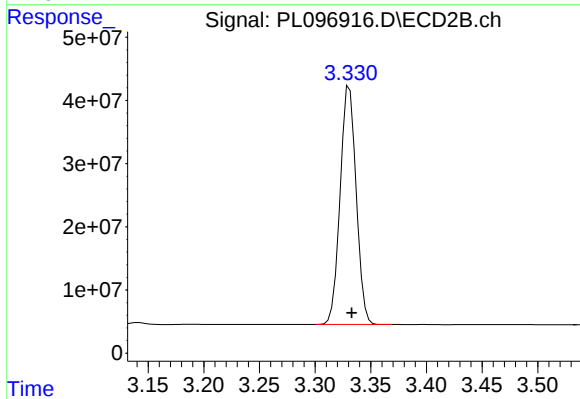
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 253225434
Conc: 53.00 ng/ml



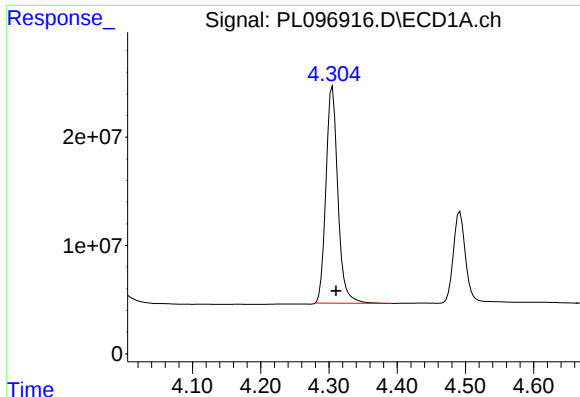
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.005 min
Response: 259088828
Conc: 56.00 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 378449501
Conc: 53.48 ng/ml



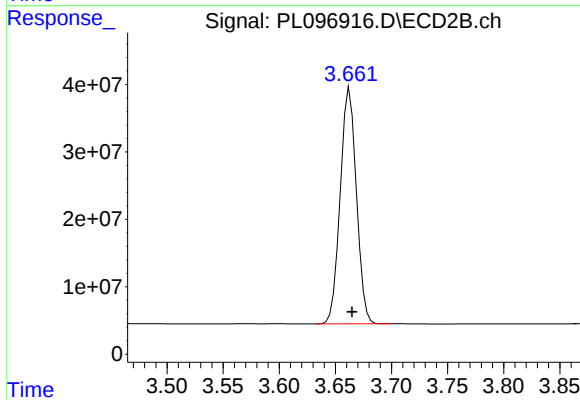
#3 gamma-BHC (Lindane)

R.T.: 4.305 min
Delta R.T.: -0.005 min
Response: 243336344
Conc: 55.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

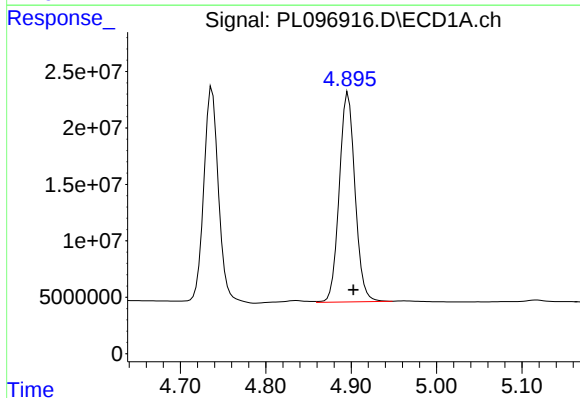
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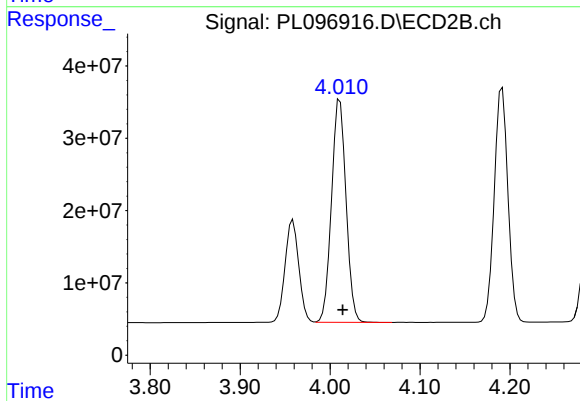
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 350897871
Conc: 53.14 ng/ml



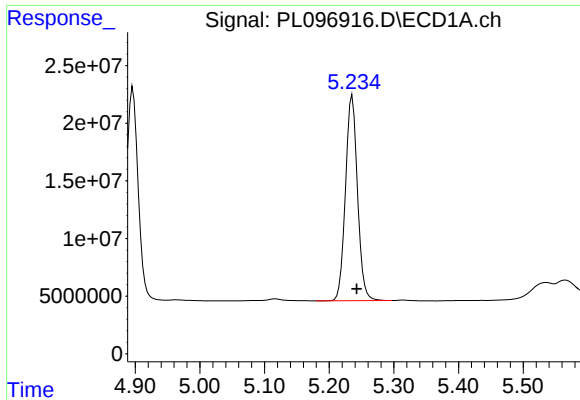
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.006 min
Response: 237471900
Conc: 57.14 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 345957888
Conc: 51.93 ng/ml



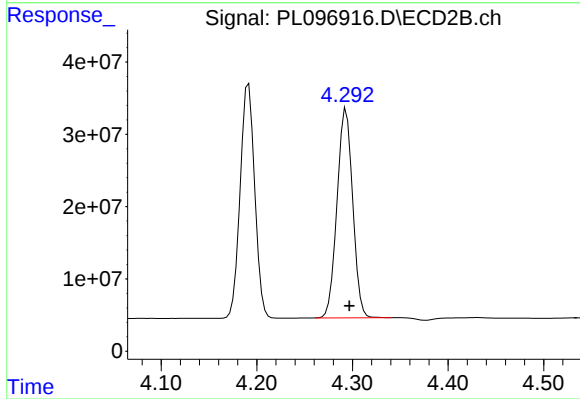
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 230571103
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

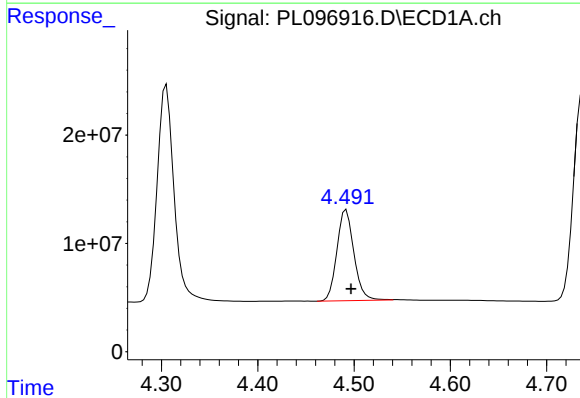
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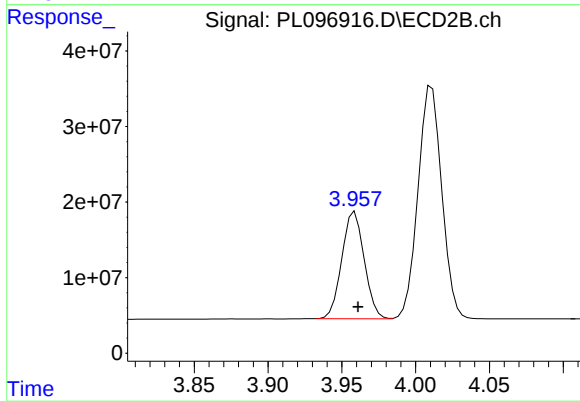
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 329498967
Conc: 53.08 ng/ml



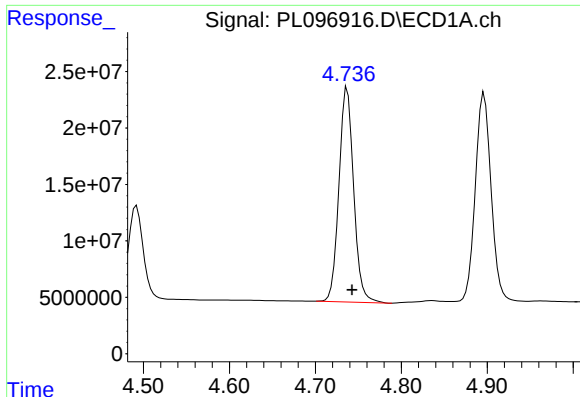
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 103141064
Conc: 57.14 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 149902292
Conc: 53.14 ng/ml



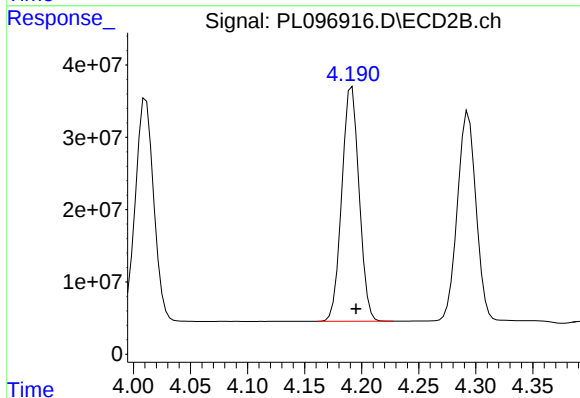
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 225957938
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

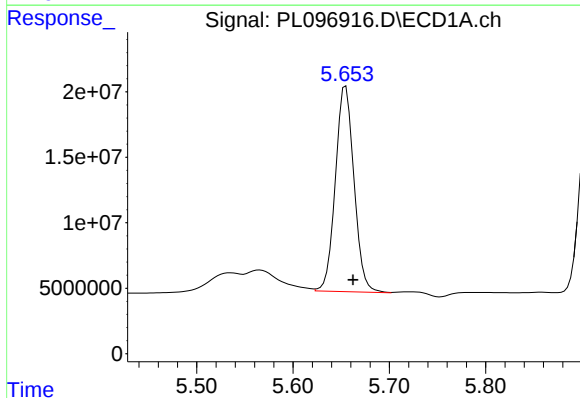
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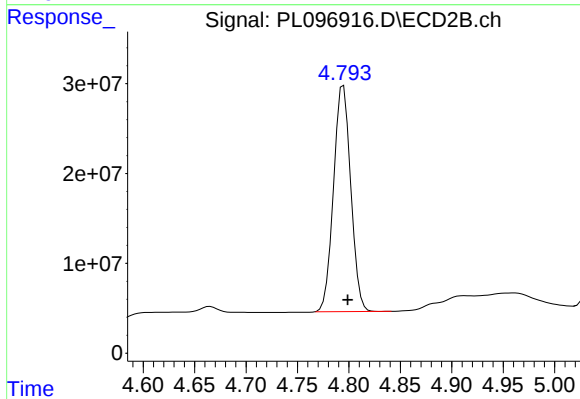
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 342328181
Conc: 52.88 ng/ml



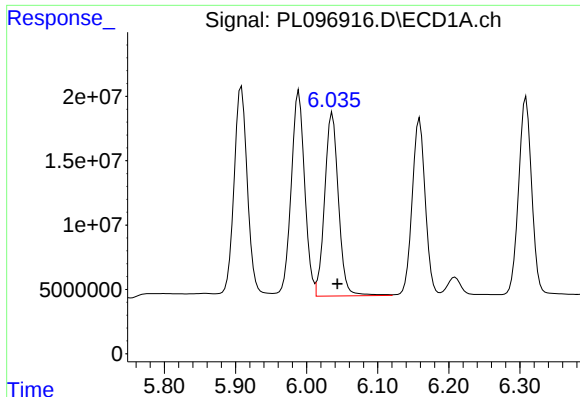
#8 Heptachlor epoxide

R.T.: 5.653 min
Delta R.T.: -0.009 min
Response: 210838313
Conc: 54.67 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 293337760
Conc: 51.36 ng/ml



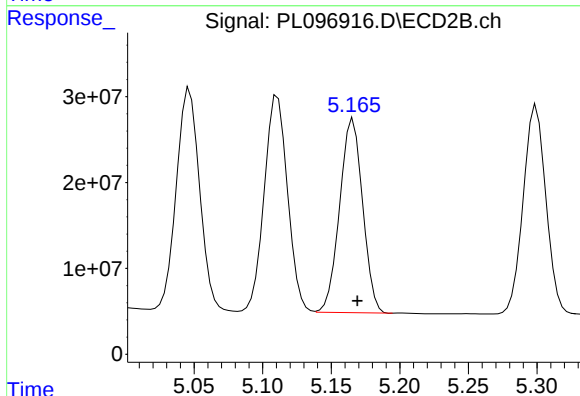
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 193004965
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

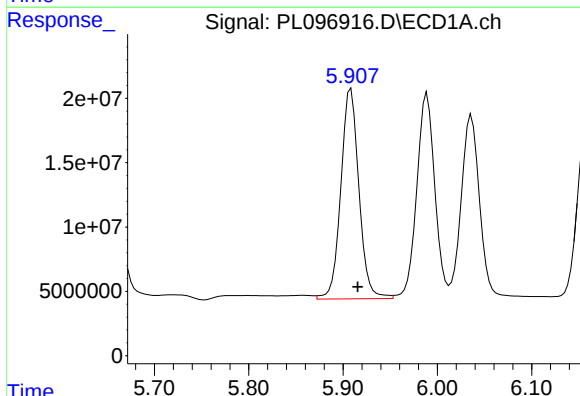
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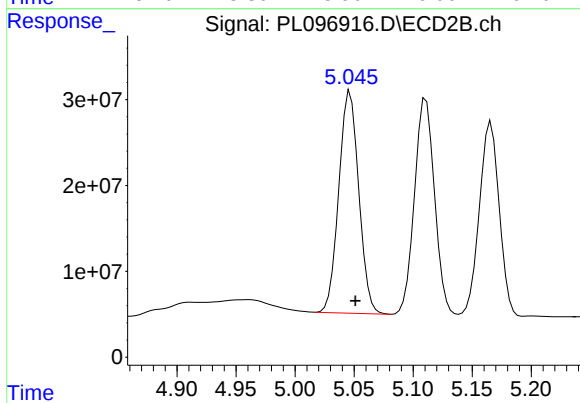
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 263800119
Conc: 47.69 ng/ml



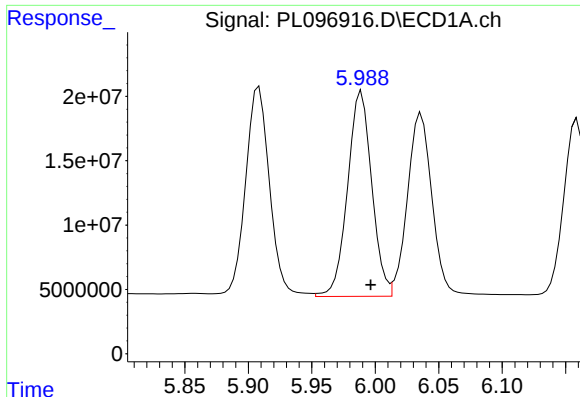
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.007 min
Response: 217797529
Conc: 57.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 304680577
Conc: 51.82 ng/ml



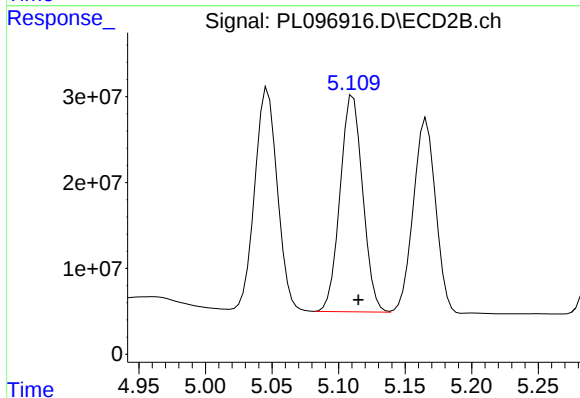
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 211283865
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

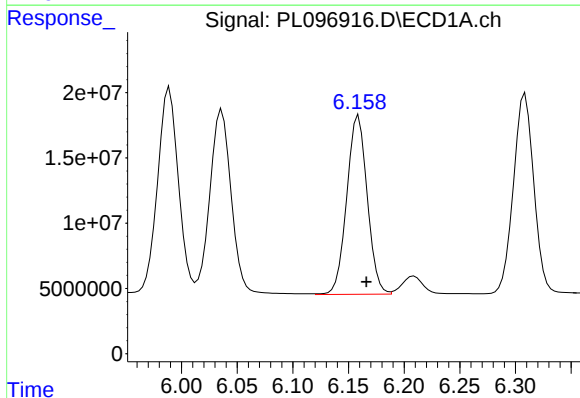
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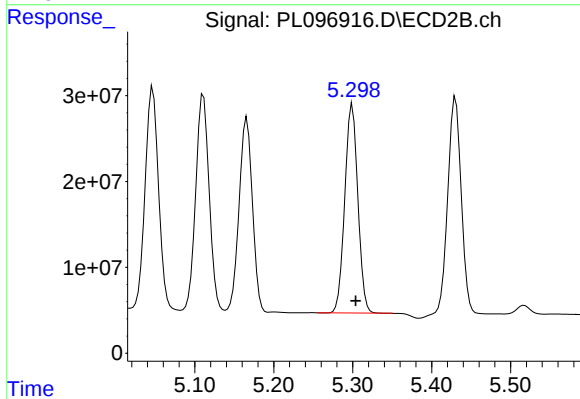
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 298368434
Conc: 50.58 ng/ml



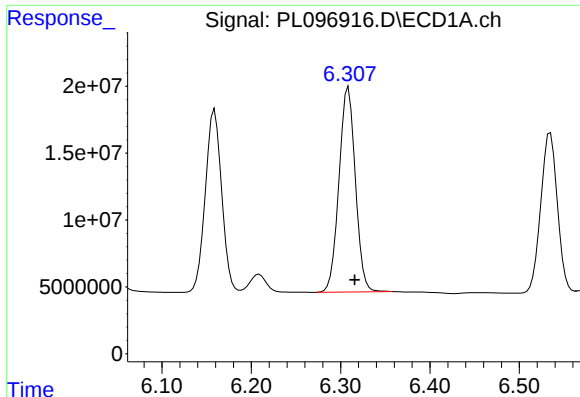
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 175489481
Conc: 54.65 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 280577408
Conc: 50.88 ng/ml



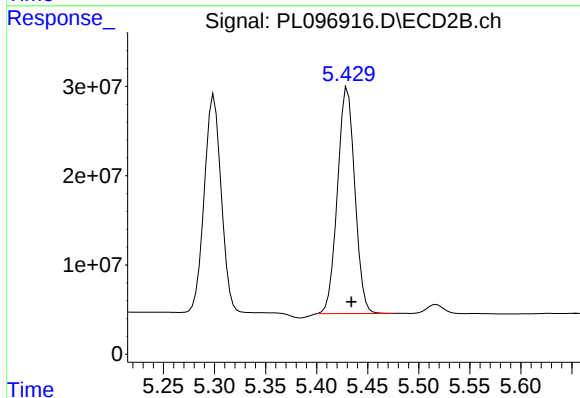
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.008 min
Response: 194897786
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

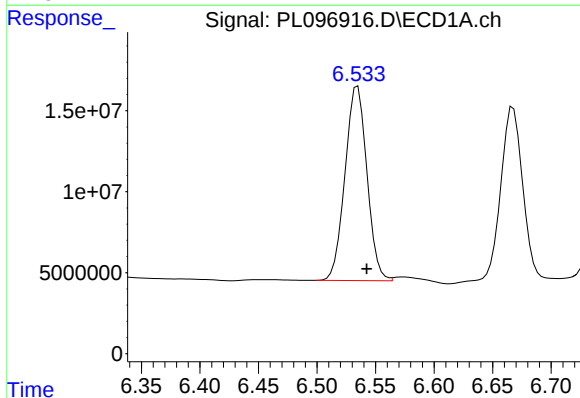
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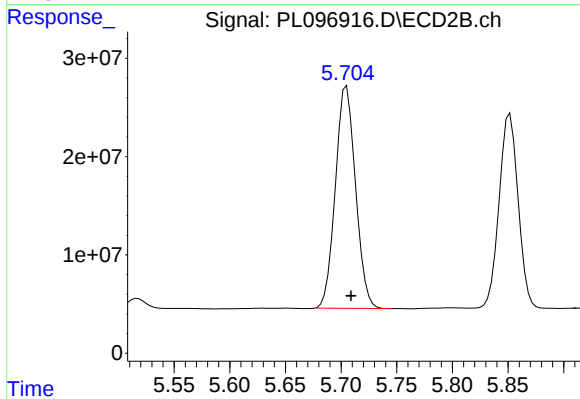
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 300604011
Conc: 50.89 ng/ml



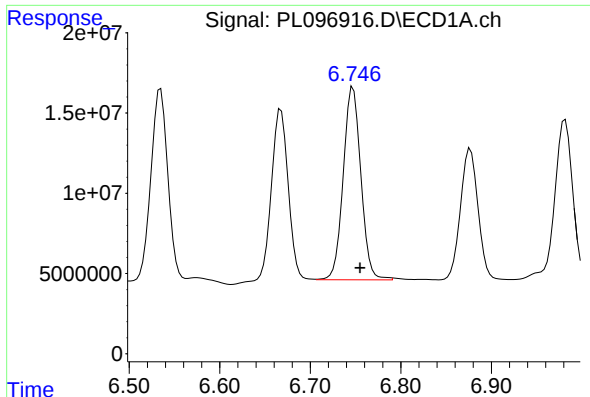
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 156546375
Conc: 51.72 ng/ml



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 284531884
Conc: 52.63 ng/ml



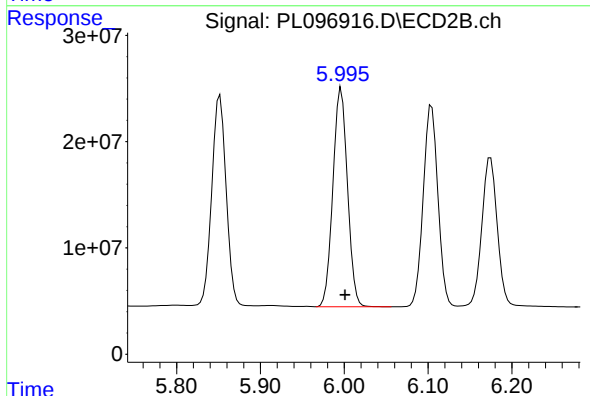
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 162794378
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

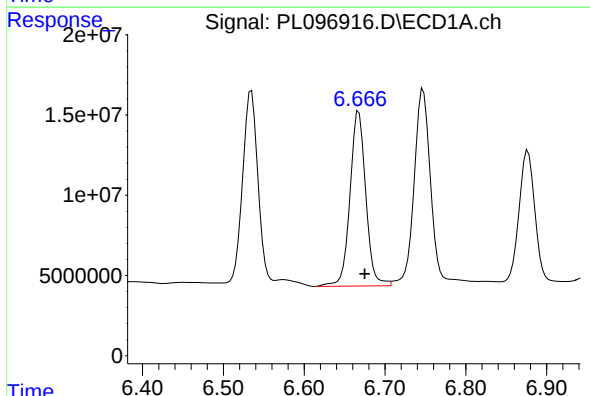
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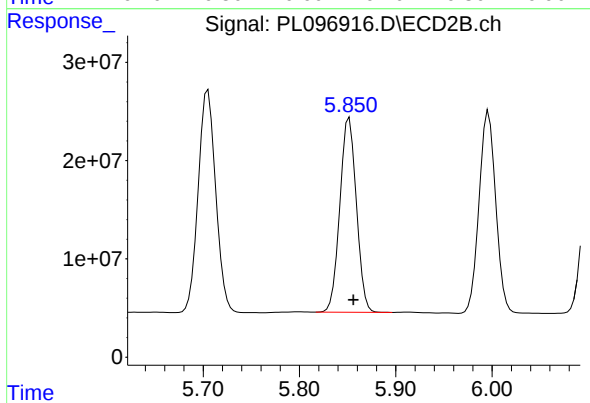
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 248366139
Conc: 48.36 ng/ml



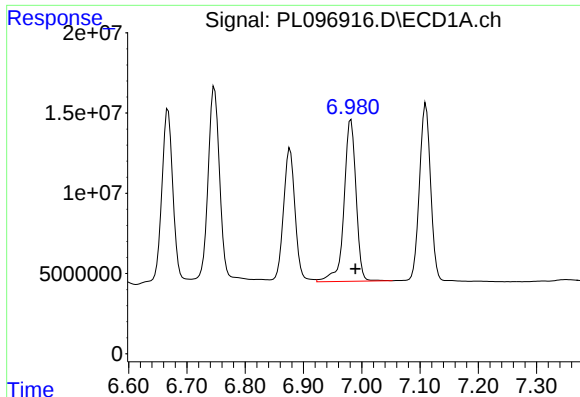
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 148080906
Conc: 58.57 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 235202367
Conc: 49.99 ng/ml



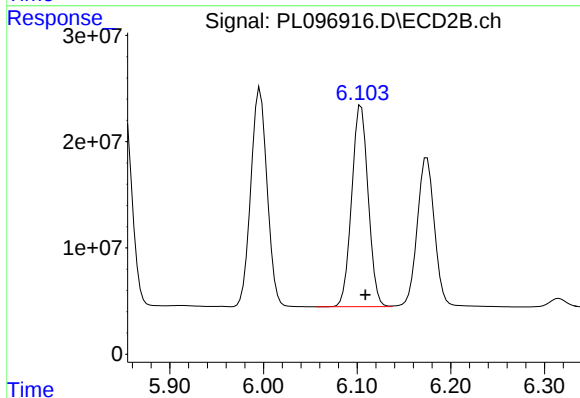
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.008 min
Response: 144446316
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

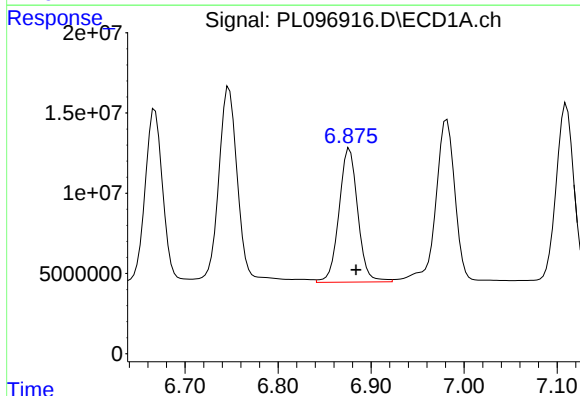
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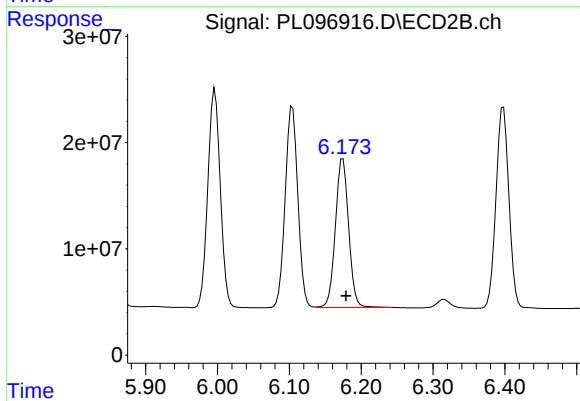
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 231883350
Conc: 45.84 ng/ml



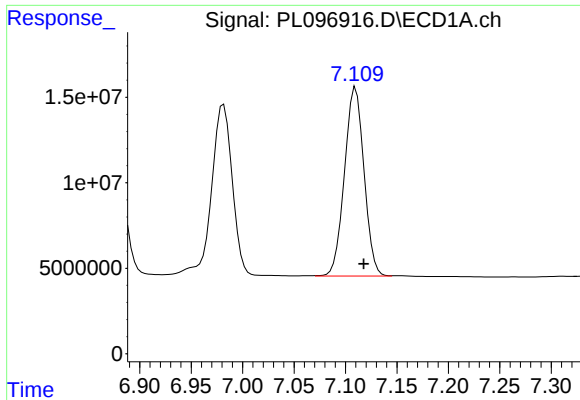
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 117046671
Conc: 54.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 179299599
Conc: 49.33 ng/ml



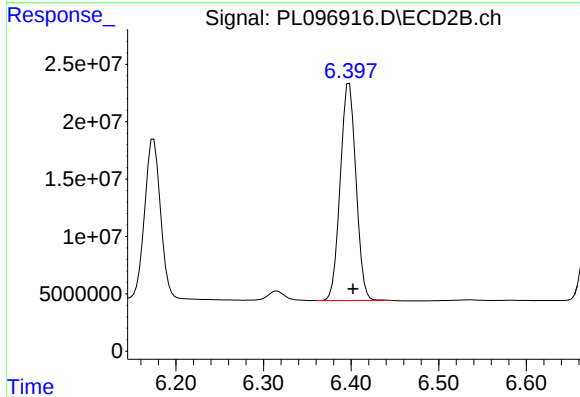
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: -0.009 min
Response: 145710384
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

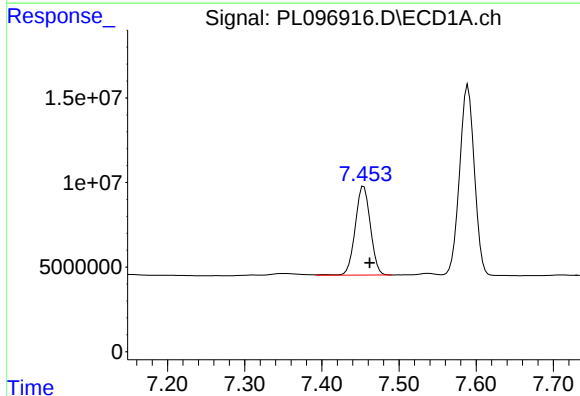
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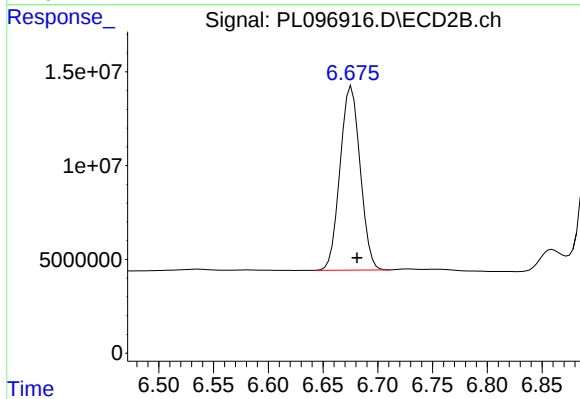
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 236454080
Conc: 46.49 ng/ml



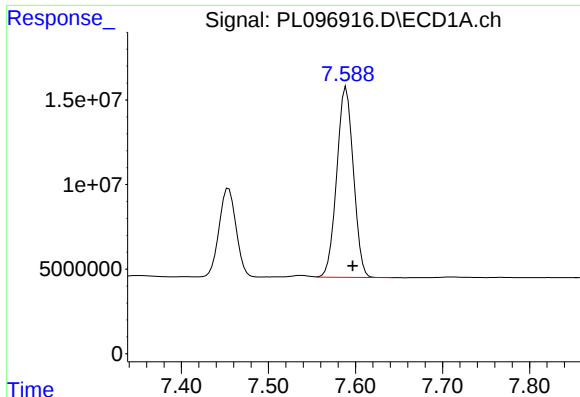
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 71728285
Conc: 48.85 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 125358398
Conc: 45.74 ng/ml m



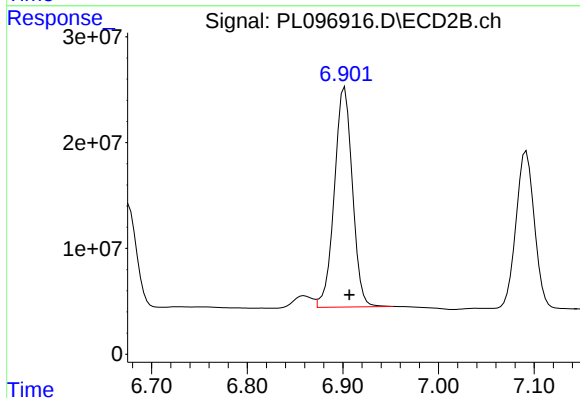
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 149534720
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

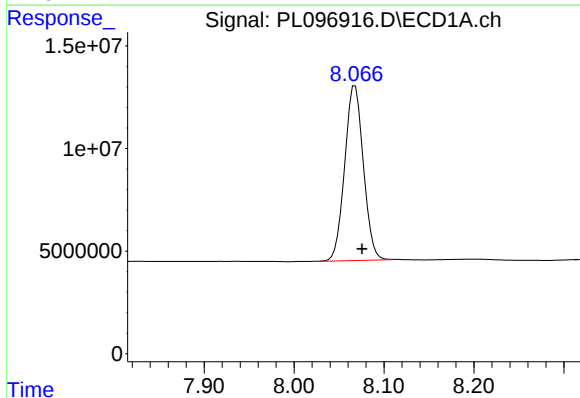
Manual Integrations
APPROVED

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



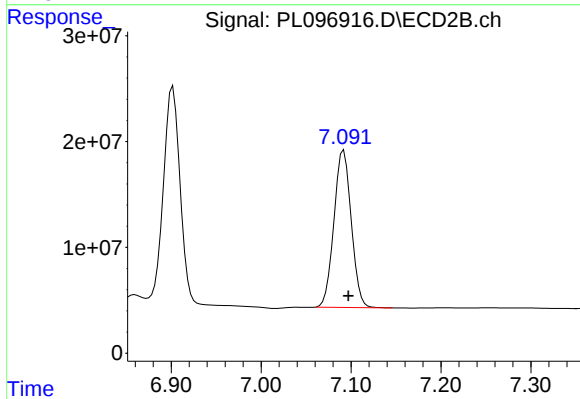
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 272252113
Conc: 48.88 ng/ml



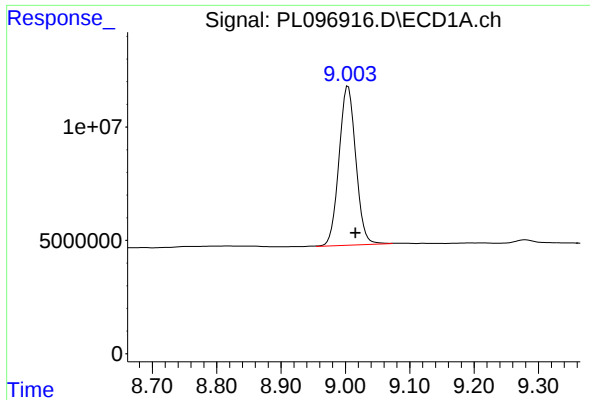
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.009 min
Response: 123022437
Conc: 49.62 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 198845622
Conc: 45.60 ng/ml



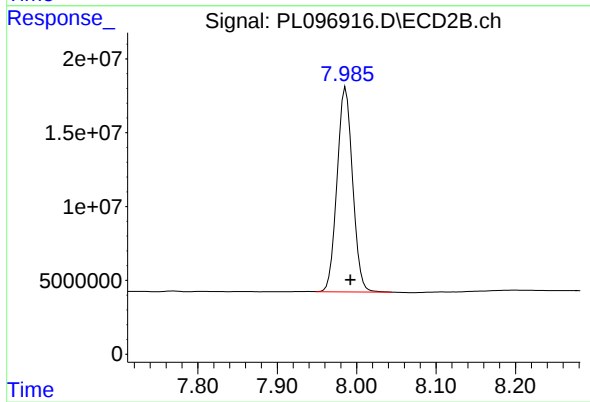
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 127431075
Conc: 53.44 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.: 7.985 min
Delta R.T.: -0.007 min
Response: 188368991
Conc: 43.42 ng/ml m