

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
 Data File : PL096858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 17:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/19/2025
 Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 06:00:34 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	2.825	178.3E6	255.7E6	56.053	53.513
2)	SA Decachlor...	9.003	7.984	126.7E6	223.8E6	53.127m	51.577m
Target Compounds							
2)	A alpha-BHC	3.978	3.330	264.4E6	379.1E6	57.144	53.569
3)	MA gamma-BHC...	4.306	3.662	247.9E6	351.4E6	56.045	53.208
4)	MA Heptachlor	4.897	4.010	239.3E6	336.9E6	57.586	50.577
5)	MB Aldrin	5.236	4.293	238.3E6	326.2E6	55.402	52.559
6)	B beta-BHC	4.491	3.958	103.9E6	151.1E6	57.575m	53.581
7)	B delta-BHC	4.738	4.191	230.8E6	344.7E6	57.852	53.254
8)	B Heptachlo...	5.655	4.794	223.7E6	294.9E6	58.001	51.630
9)	A Endosulfan I	6.037	5.165	194.5E6	275.2E6	54.088	49.757
10)	B gamma-Chl...	5.909	5.046	214.6E6	309.2E6	56.404	52.576
11)	B alpha-Chl...	5.989	5.110	212.3E6	303.4E6	55.083	51.430
12)	B 4,4'-DDE	6.159	5.299	177.6E6	286.7E6	55.293	51.999
13)	MA Dieldrin	6.307	5.430	202.7E6	304.1E6	54.620m	51.481
14)	MA Endrin	6.533	5.704	154.2E6	265.6E6	50.941m	49.140
15)	B Endosulfa...	6.746	5.996	167.9E6	263.1E6	52.411m	51.215
16)	A 4,4'-DDD	6.667	5.851	144.8E6	250.5E6	57.289	53.228
17)	MA 4,4'-DDT	6.982	6.104	140.9E6	234.9E6	49.125	46.430
18)	B Endrin al...	6.876	6.174	117.8E6	192.7E6	54.905	52.999
19)	B Endosulfa...	7.108	6.397	150.2E6	255.9E6	52.274m	50.320
20)	A Methoxychlor	7.454	6.674	69792447	127.4E6	47.531	46.496m
21)	B Endrin ke...	7.589	6.901	163.4E6	294.6E6	54.341	52.884
22)	Mirex	8.066	7.091	129.7E6	222.9E6	52.299m	51.123

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081825\
Data File : PL096858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

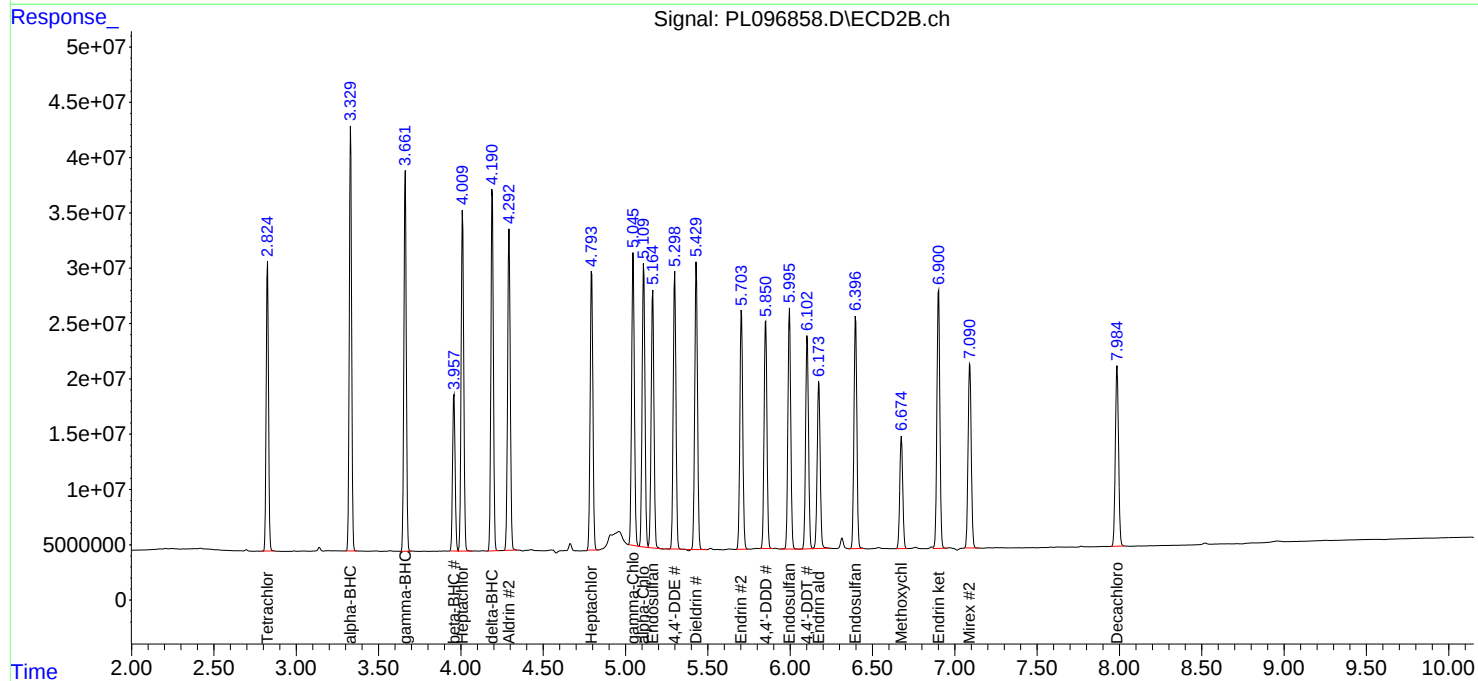
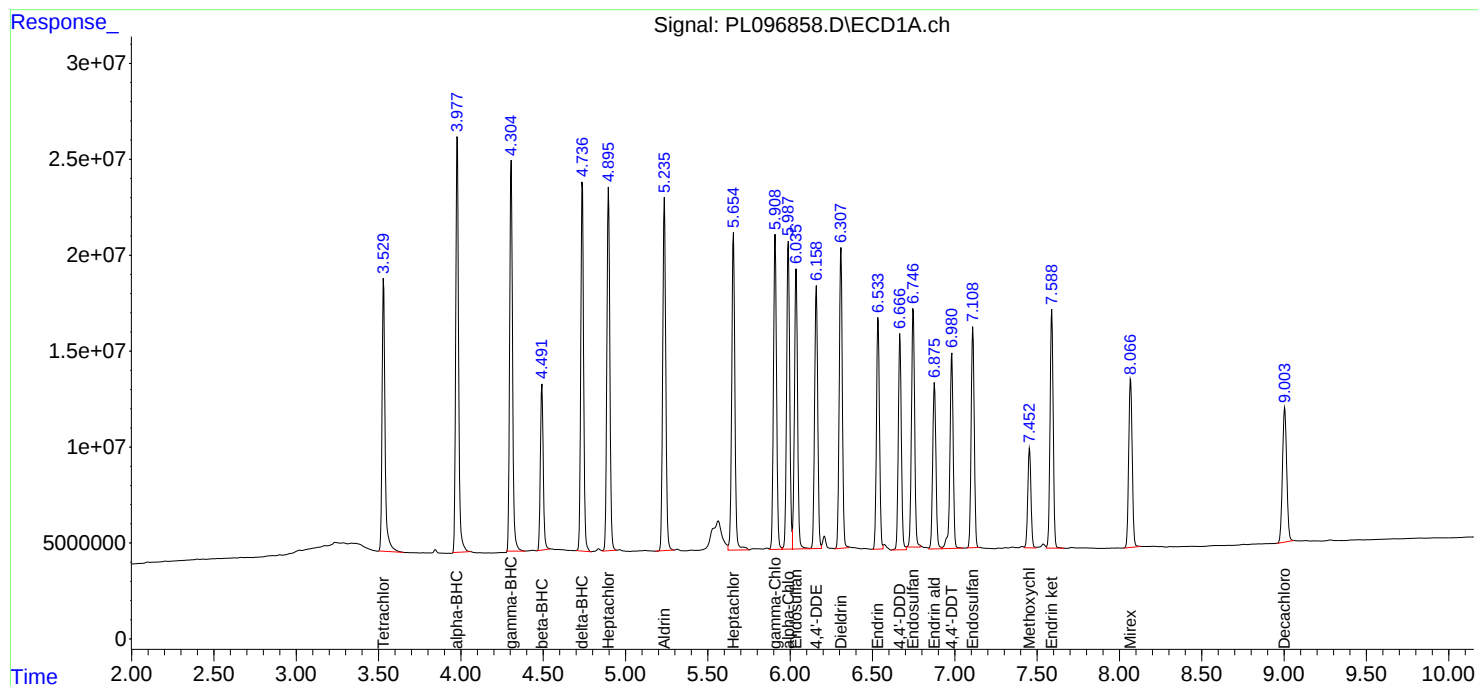
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

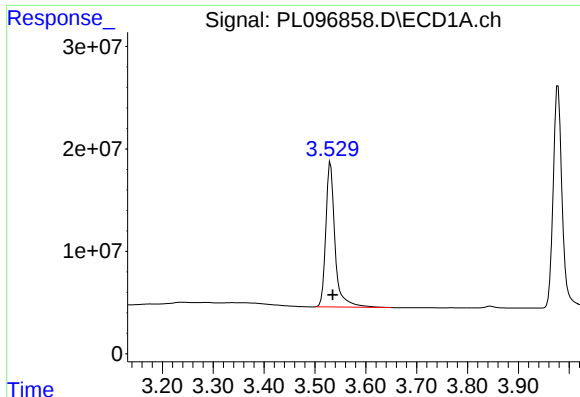
Manual Integrations
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Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:00:34 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





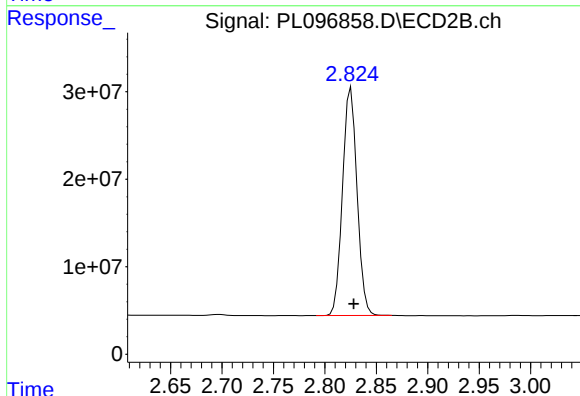
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 178292660
Conc: 56.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

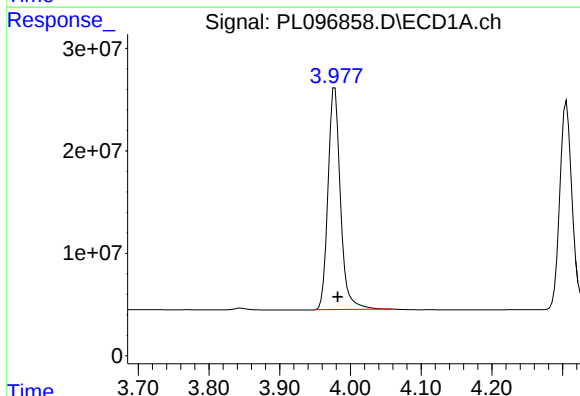
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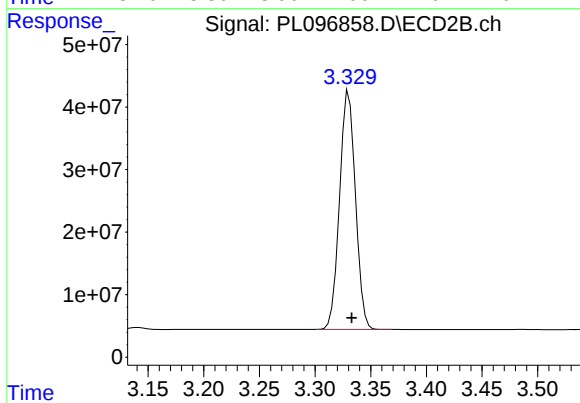
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 255673747
Conc: 53.51 ng/ml



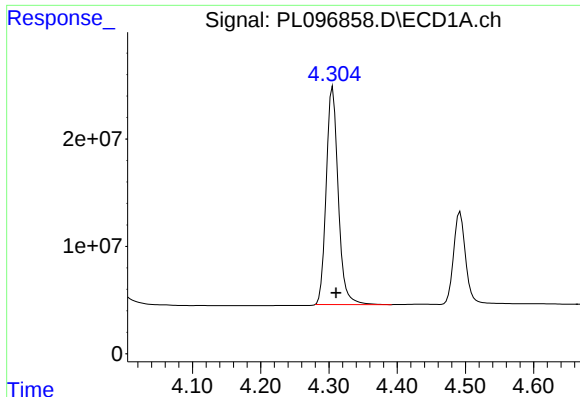
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 264370535
Conc: 57.14 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 379109531
Conc: 53.57 ng/ml



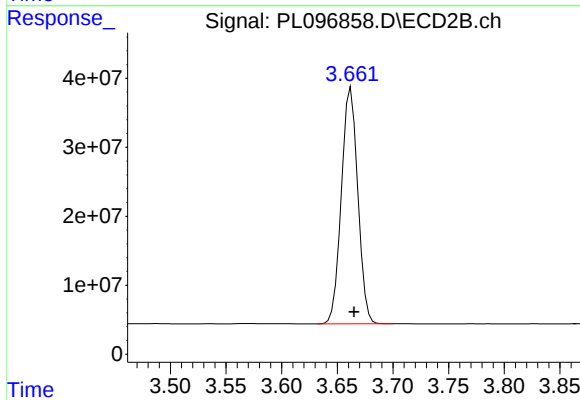
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 247910221
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

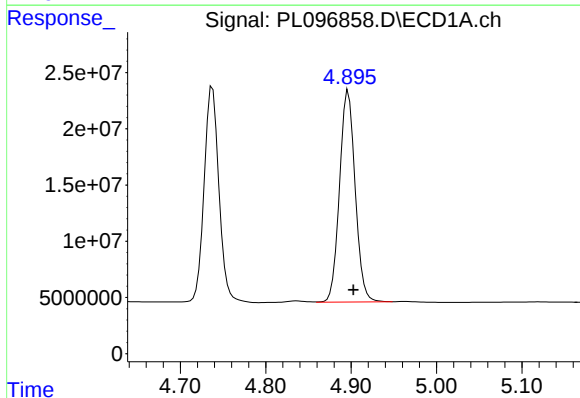
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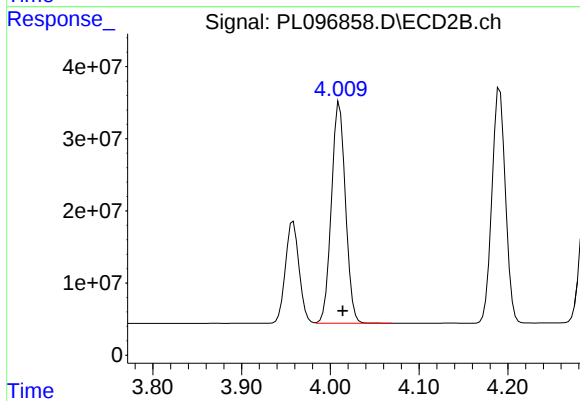
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 351354786
Conc: 53.21 ng/ml



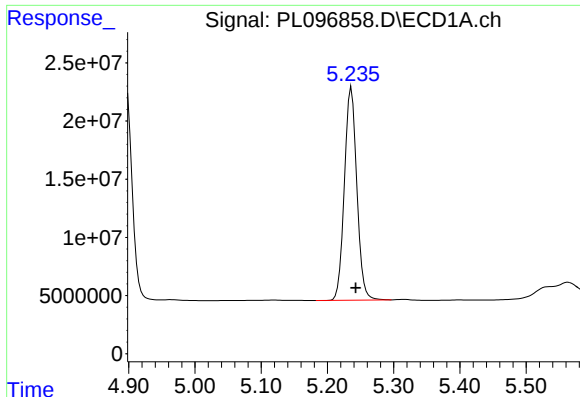
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 239310105
Conc: 57.59 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 336938392
Conc: 50.58 ng/ml



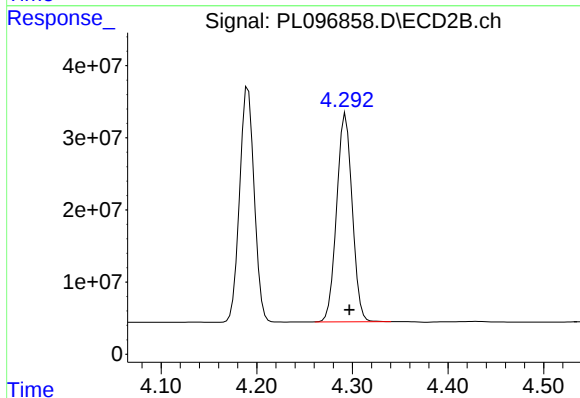
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 238282661
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

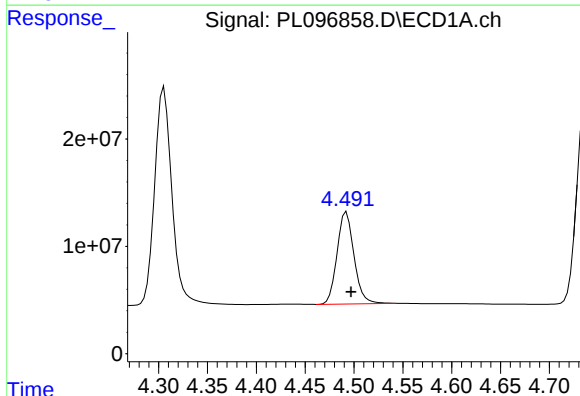
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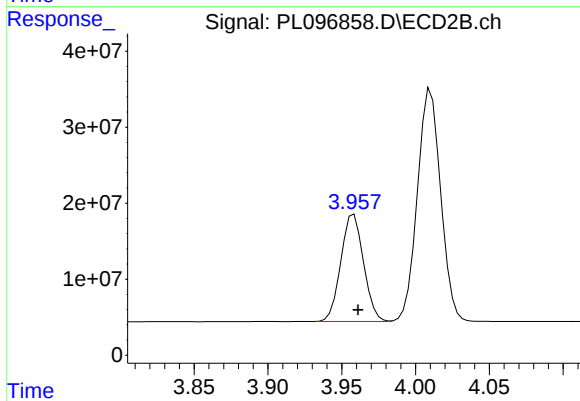
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 326237655
Conc: 52.56 ng/ml



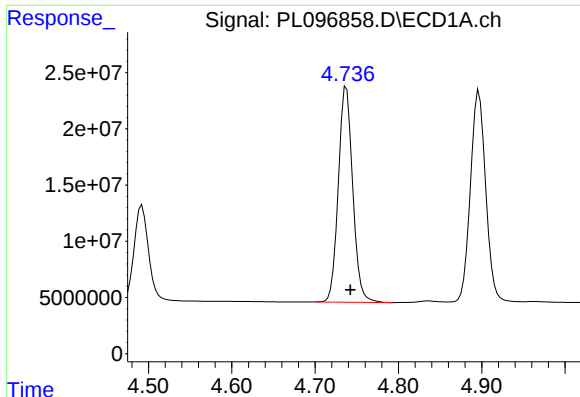
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 103921472
Conc: 57.58 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 151147750
Conc: 53.58 ng/ml



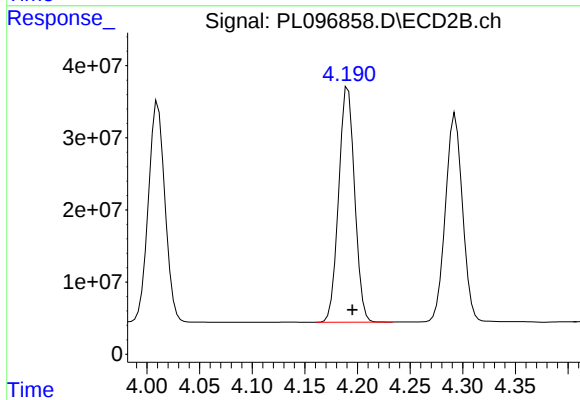
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 230820906
Conc: 57.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

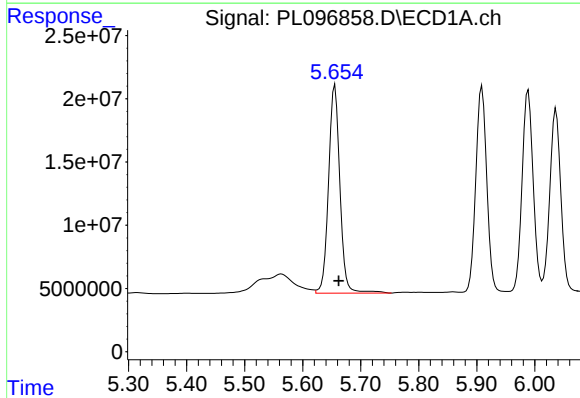
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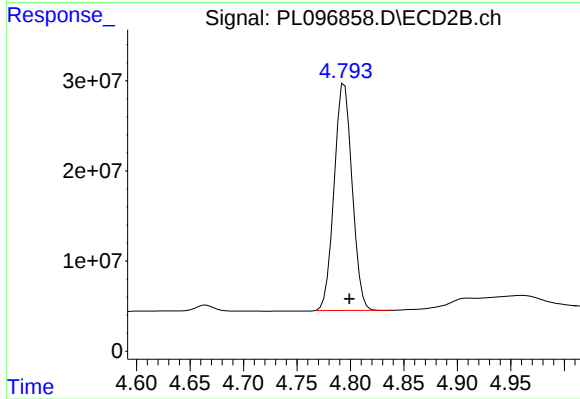
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 344747683
Conc: 53.25 ng/ml



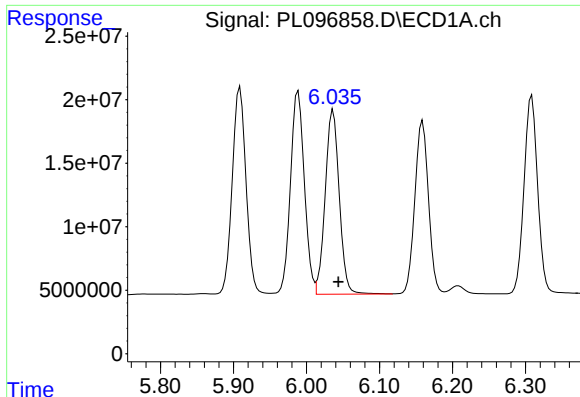
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 223683999
Conc: 58.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 294878831
Conc: 51.63 ng/ml



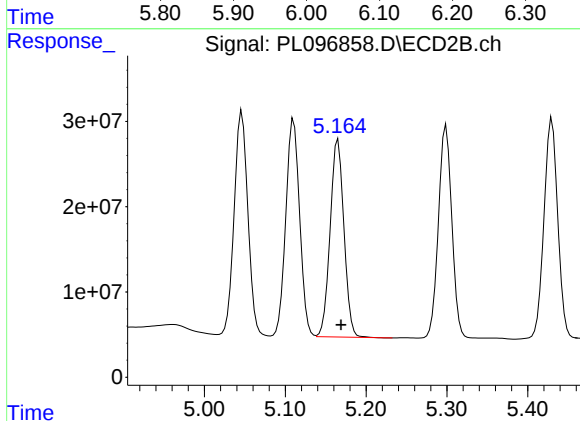
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 194520543
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

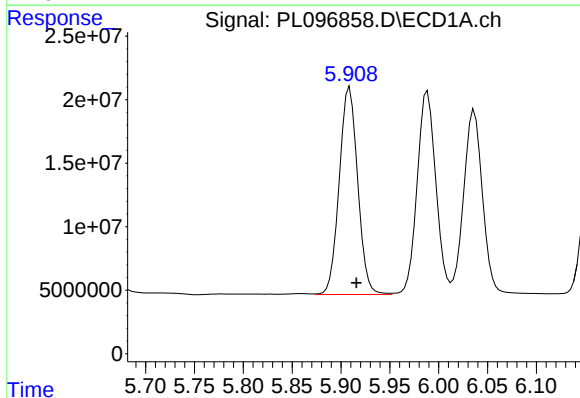
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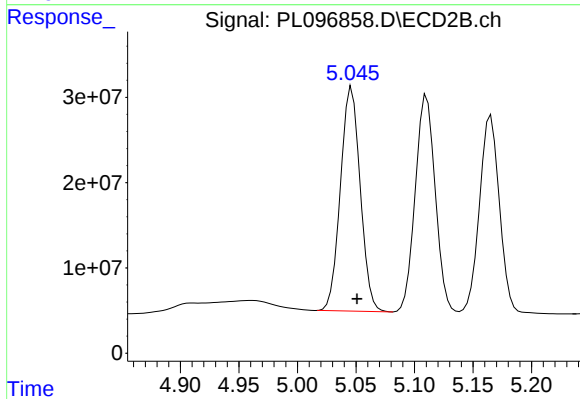
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 275227850
Conc: 49.76 ng/ml



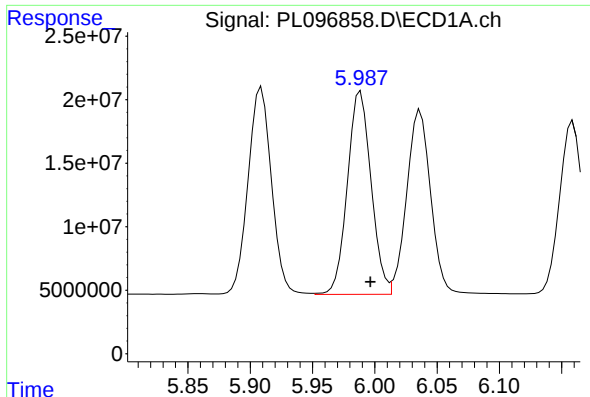
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 214629910
Conc: 56.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 309151010
Conc: 52.58 ng/ml



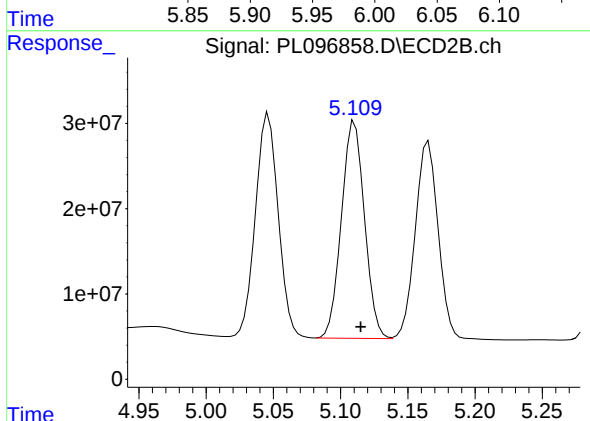
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 212327187
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

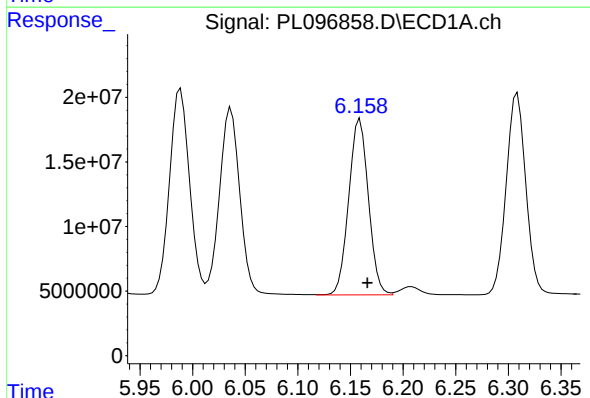
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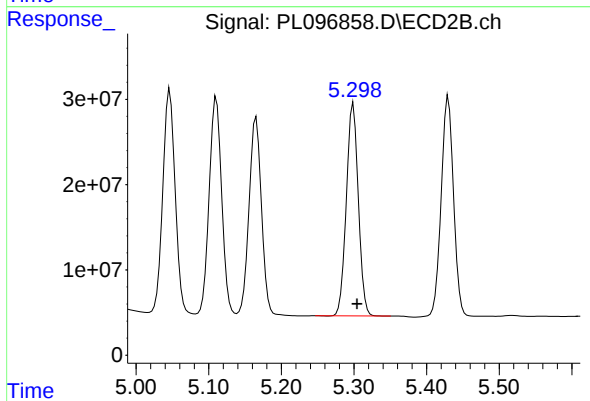
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 303382700
Conc: 51.43 ng/ml



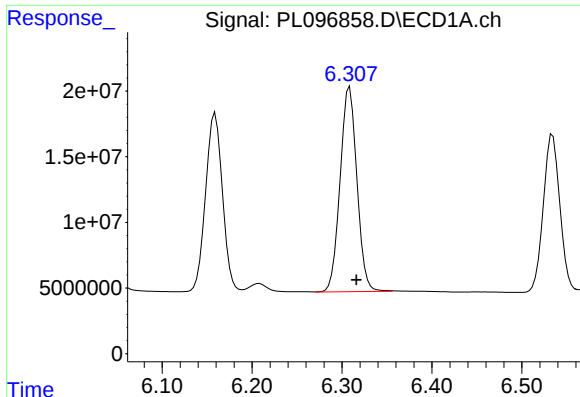
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 177559416
Conc: 55.29 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 286745809
Conc: 52.00 ng/ml



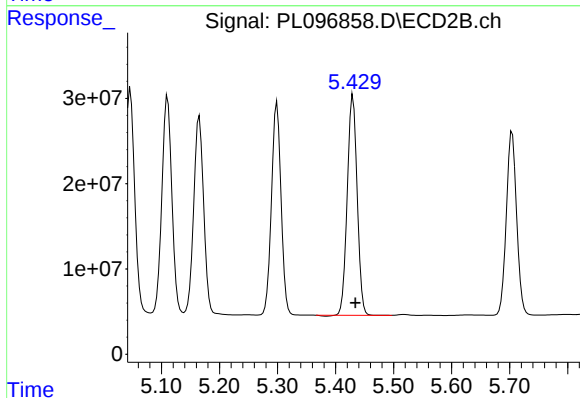
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 202703077
Conc: 54.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

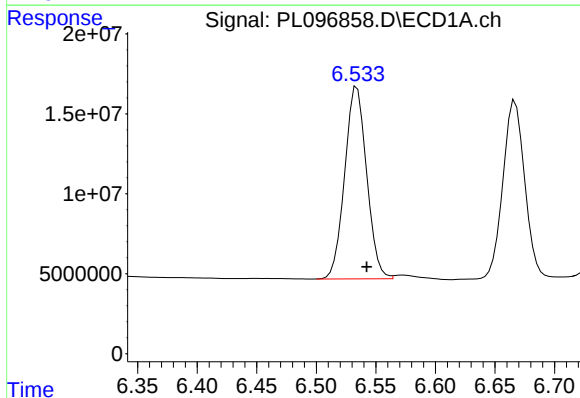
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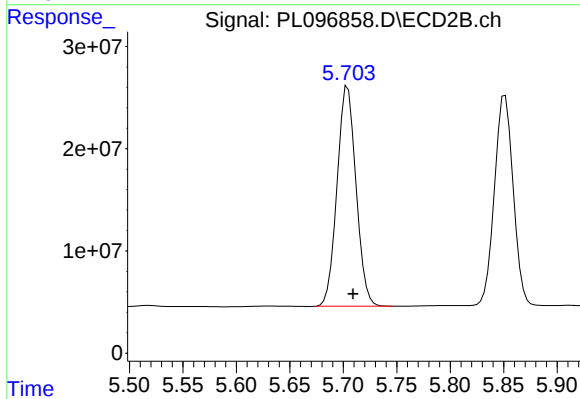
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 304075067
Conc: 51.48 ng/ml



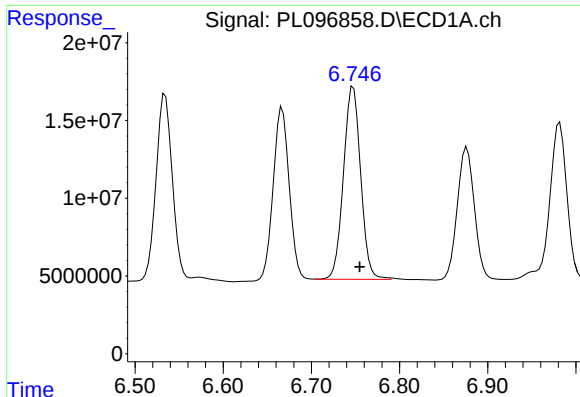
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.010 min
Response: 154187177
Conc: 50.94 ng/ml m



#14 Endrin

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 265648440
Conc: 49.14 ng/ml



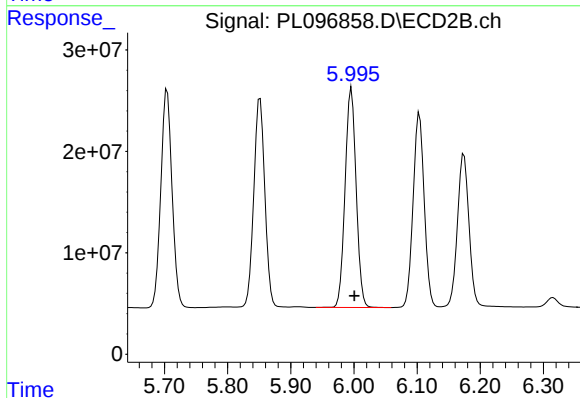
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 167853238
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

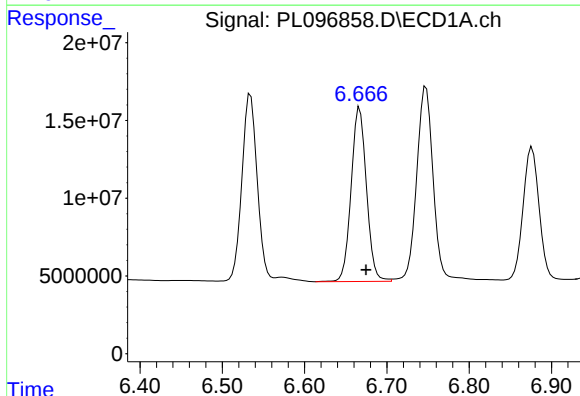
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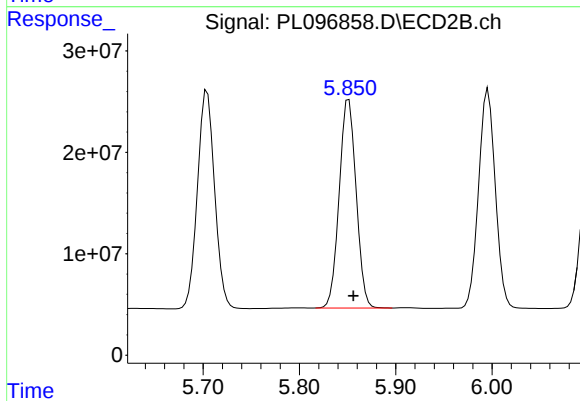
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 263053855
Conc: 51.22 ng/ml



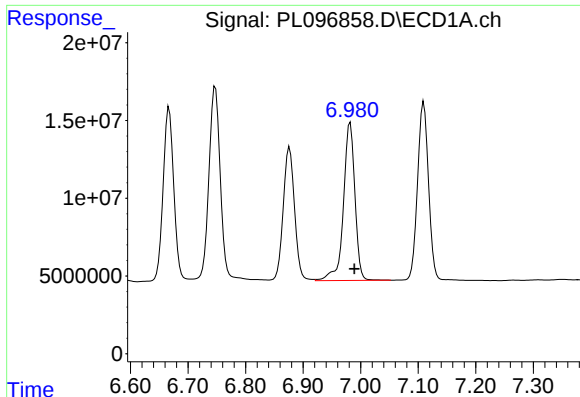
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 144848017
Conc: 57.29 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 250453109
Conc: 53.23 ng/ml



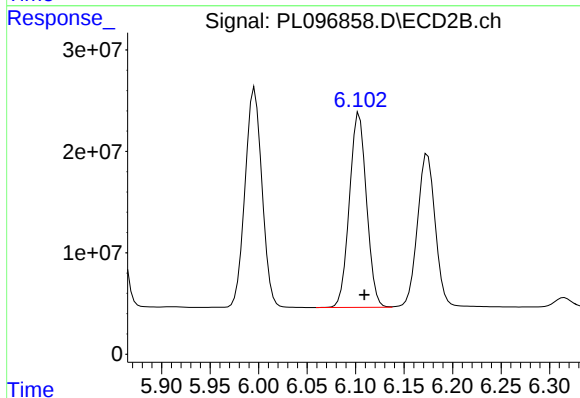
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 140873930
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

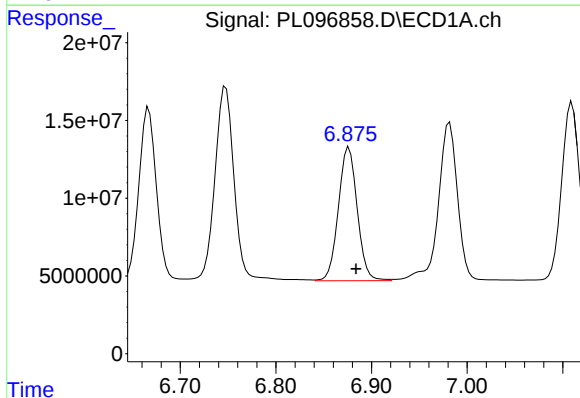
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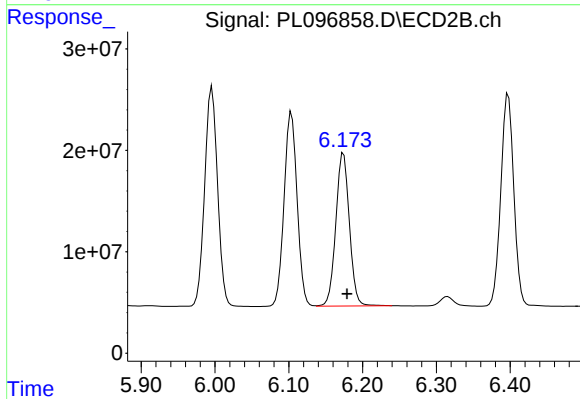
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 234856582
Conc: 46.43 ng/ml



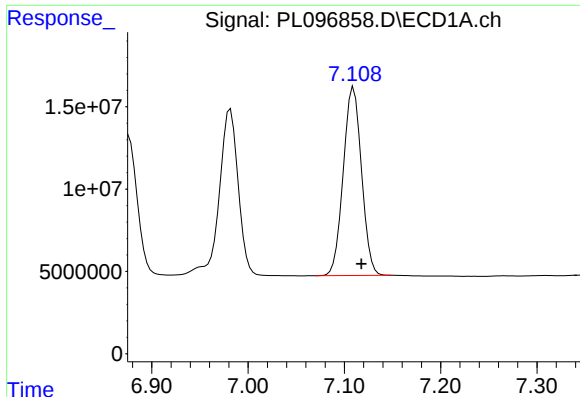
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.007 min
Response: 117821788
Conc: 54.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 192653257
Conc: 53.00 ng/ml



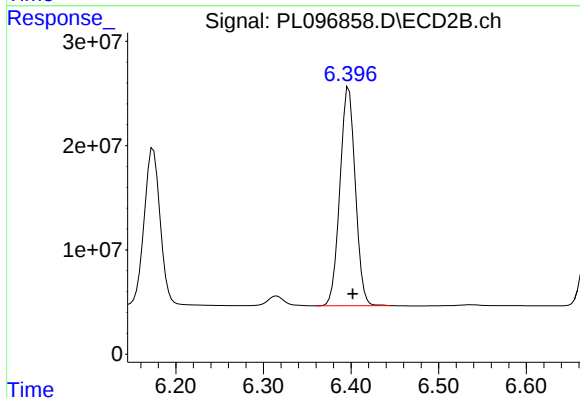
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: -0.009 min
Response: 150218945
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

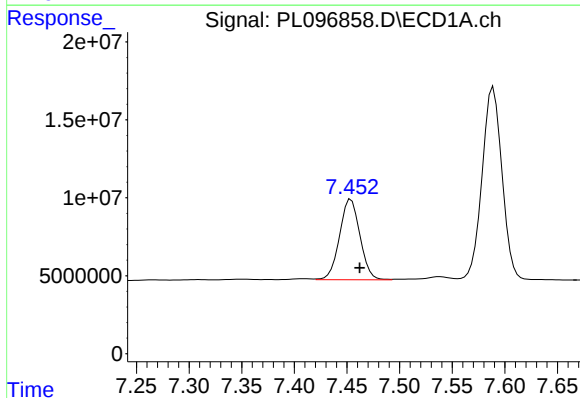
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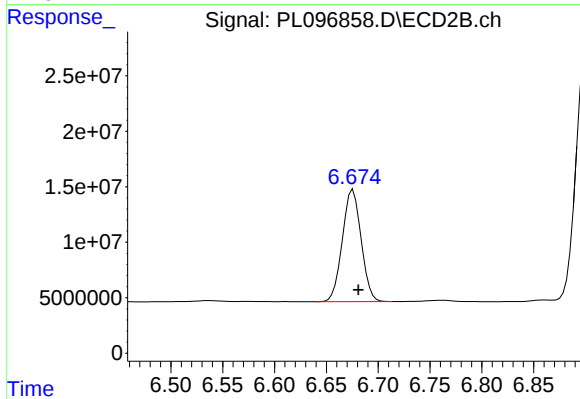
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 255940668
Conc: 50.32 ng/ml



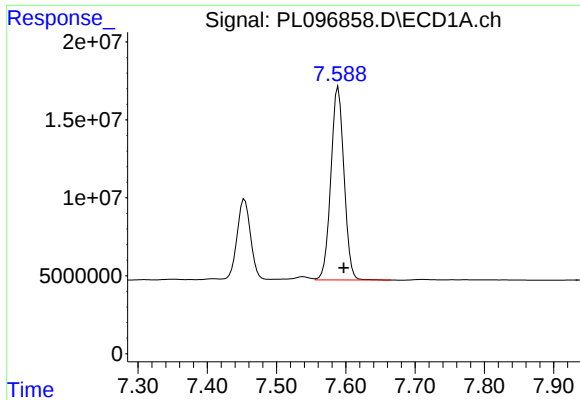
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 69792447
Conc: 47.53 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: -0.007 min
Response: 127423332
Conc: 46.50 ng/ml m



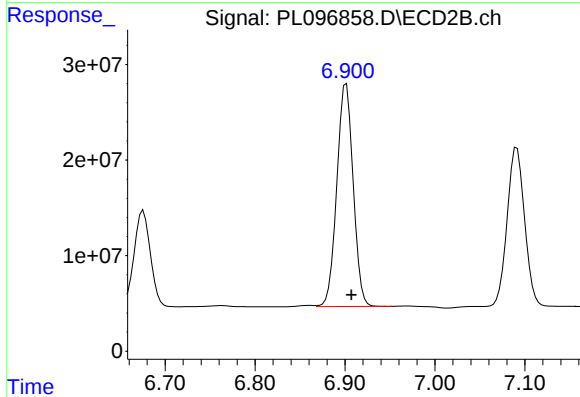
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.008 min
Response: 163387029
Conc: 54.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

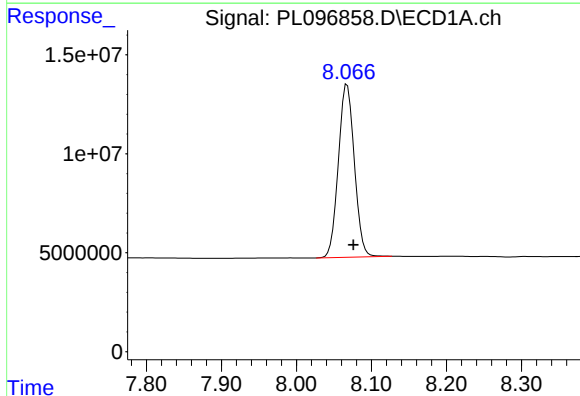
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



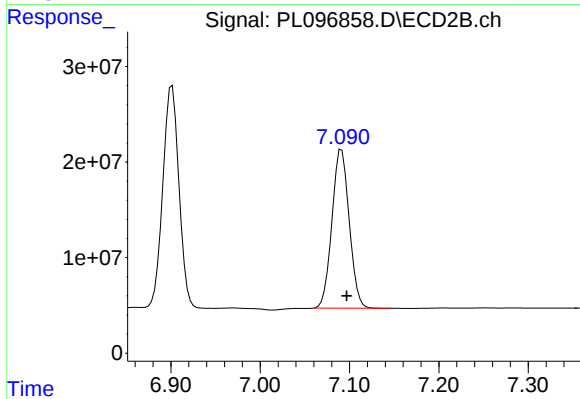
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 294551207
Conc: 52.88 ng/ml



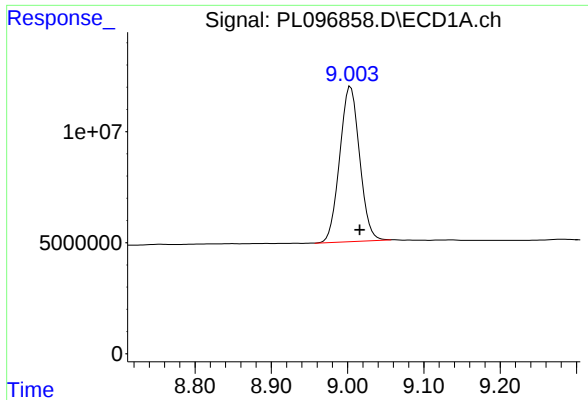
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 129666396
Conc: 52.30 ng/ml m



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 222941586
Conc: 51.12 ng/ml



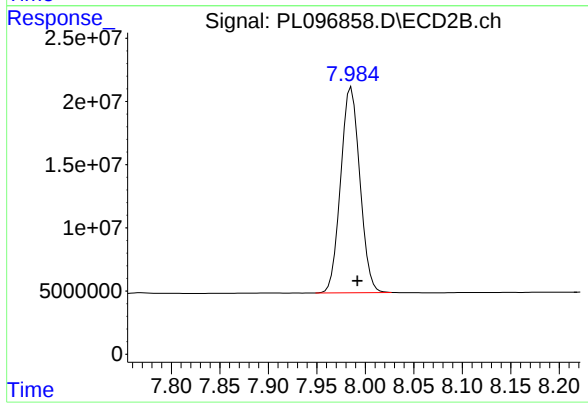
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 126690919
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 223758596
Conc: 51.58 ng/ml m