

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
 Data File : PL096809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 20:24
 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 05:18:04 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	178.0E6	262.8E6	55.952	55.001
28)	SA Decachlor...	9.007	7.989	125.8E6	223.0E6	52.769	51.396
Target Compounds							
2)	A alpha-BHC	3.978	3.331	260.8E6	389.9E6	56.378	55.095
3)	MA gamma-BHC...	4.306	3.663	243.6E6	361.6E6	55.073	54.756
4)	MA Heptachlor	4.898	4.011	233.9E6	349.5E6	56.291	52.461
5)	MB Aldrin	5.237	4.294	234.3E6	335.1E6	54.471	53.990
6)	B beta-BHC	4.491	3.959	100.1E6	155.1E6	55.437m	54.970
7)	B delta-BHC	4.738	4.192	225.5E6	354.9E6	56.530	54.820
8)	B Heptachlo...	5.656	4.796	217.9E6	302.5E6	56.499	52.965
9)	A Endosulfan I	6.038	5.167	188.6E6	281.4E6	52.445	50.871
10)	B gamma-Chl...	5.910	5.048	208.4E6	314.8E6	54.777	53.532
11)	B alpha-Chl...	5.990	5.112	206.5E6	309.0E6	53.582	52.376
12)	B 4,4'-DDE	6.161	5.300	166.3E6	292.2E6	51.776	52.994
13)	MA Dieldrin	6.310	5.431	194.1E6	308.8E6	52.303	52.281
14)	MA Endrin	6.536	5.706	147.3E6	267.7E6	48.672	49.517
15)	B Endosulfa...	6.750	5.997	171.8E6	263.7E6	53.644	51.345
16)	A 4,4'-DDD	6.669	5.853	139.3E6	251.5E6	55.111	53.441
17)	MA 4,4'-DDT	6.983	6.105	134.4E6	241.4E6	46.877	47.726
18)	B Endrin al...	6.878	6.176	113.3E6	187.4E6	52.780	51.547
19)	B Endosulfa...	7.111	6.399	137.1E6	254.6E6	47.699	50.066
20)	A Methoxychlor	7.456	6.678	67951447	128.5E6	46.277	46.881
21)	B Endrin ke...	7.591	6.904	156.6E6	294.5E6	52.069	52.867
22)	Mirex	8.069	7.094	126.4E6	219.4E6	50.986	50.307

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
Data File : PL096809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 20:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

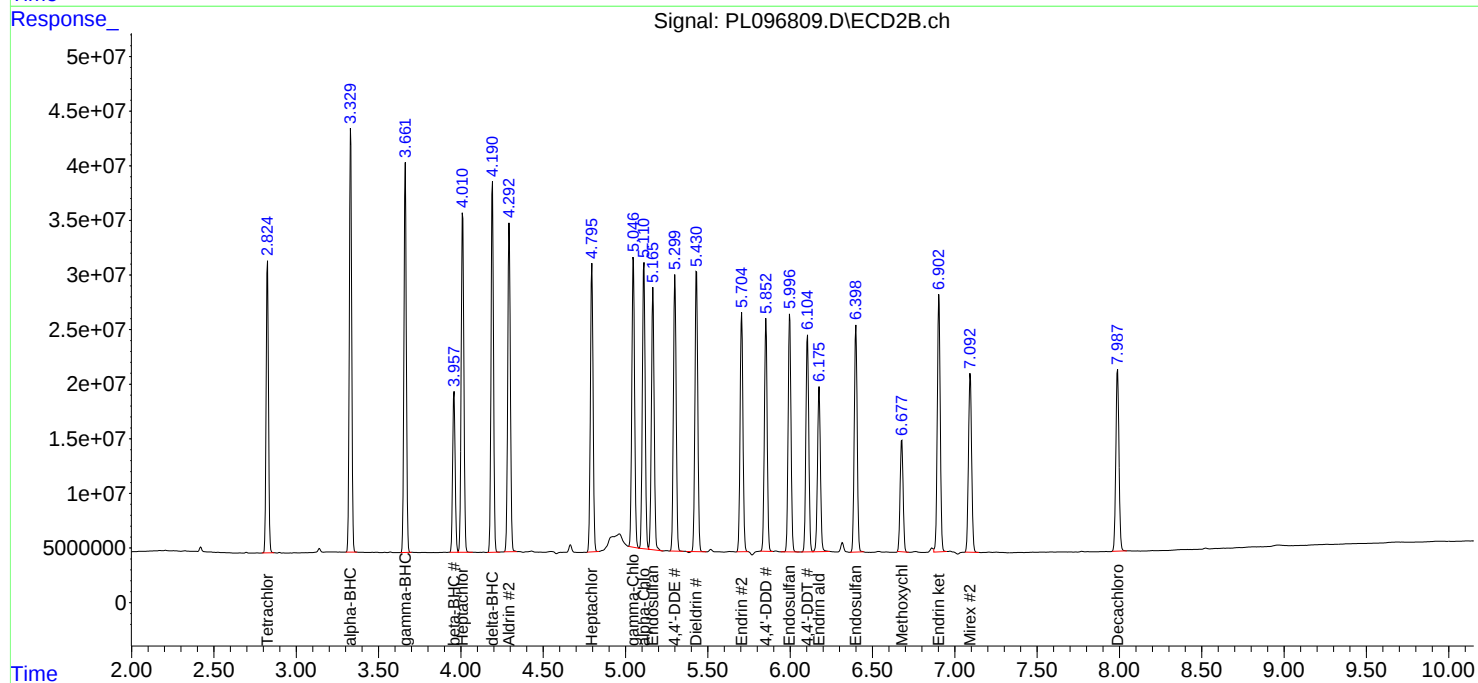
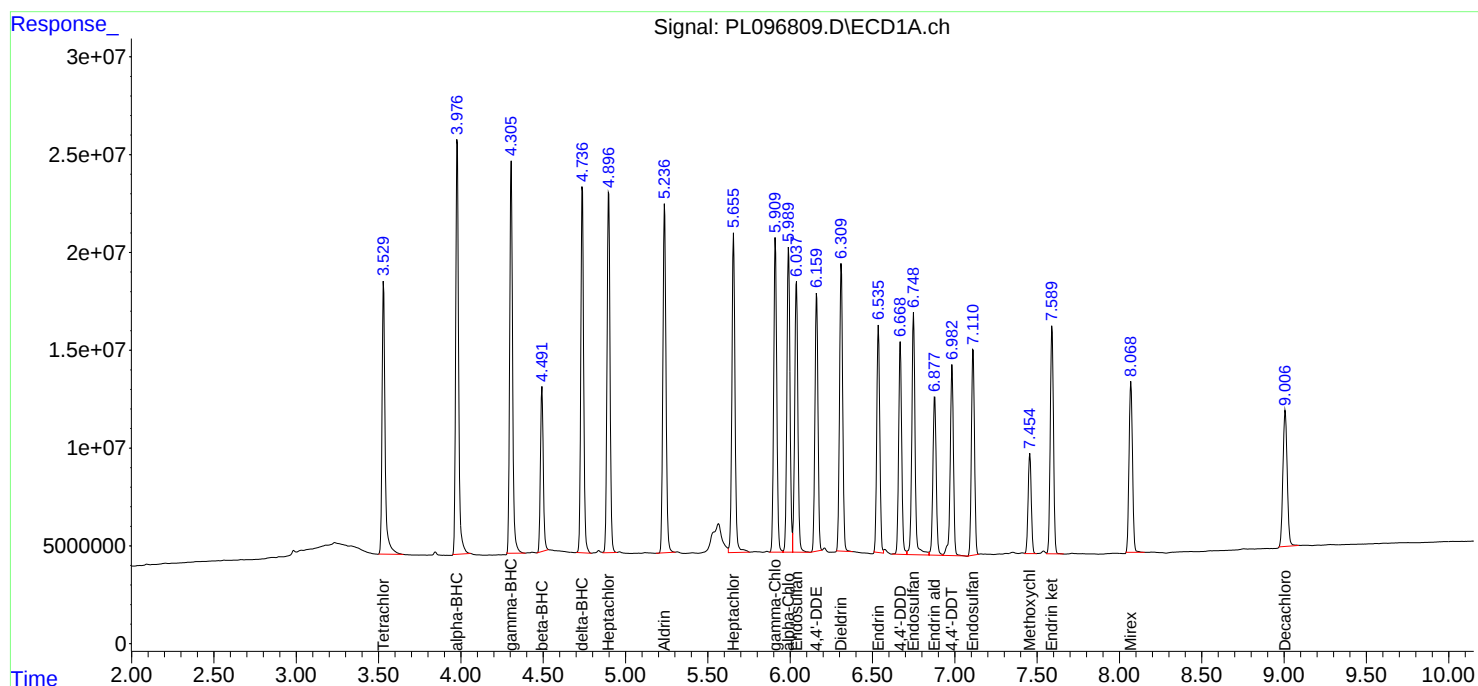
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

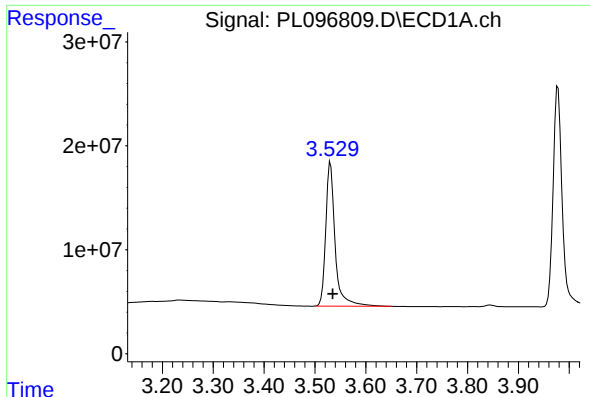
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:18:04 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





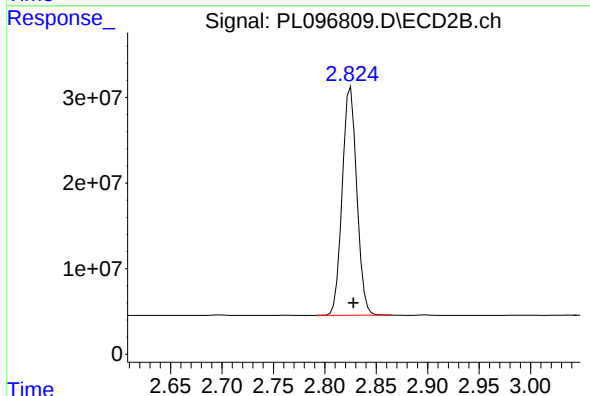
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 177971368
Conc: 55.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

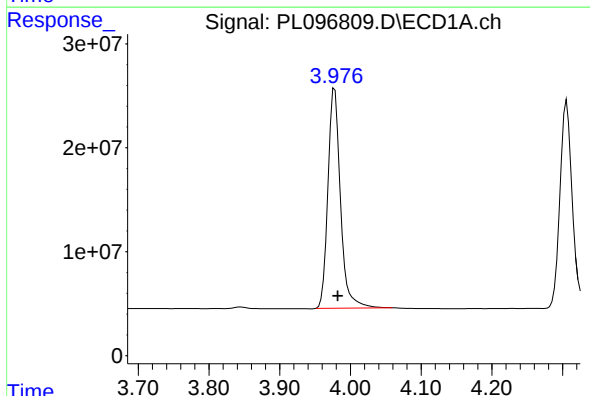
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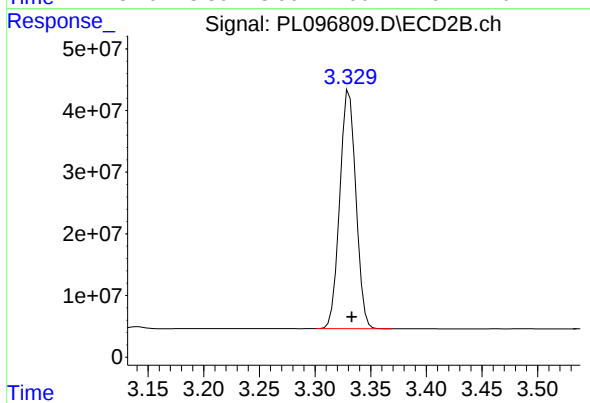
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 262781046
Conc: 55.00 ng/ml



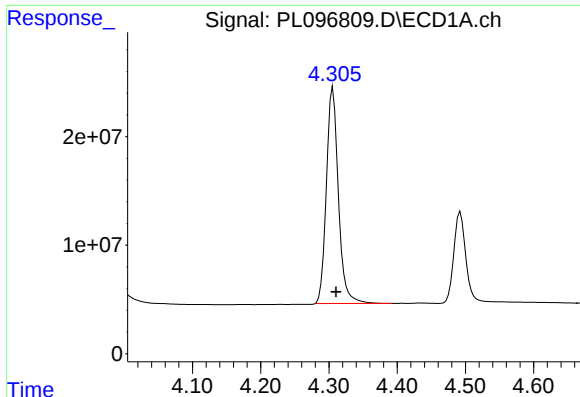
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 260823429
Conc: 56.38 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 389911577
Conc: 55.10 ng/ml



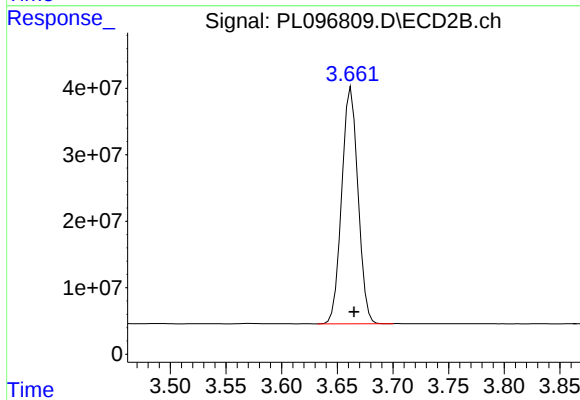
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.004 min
Response: 243612378
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

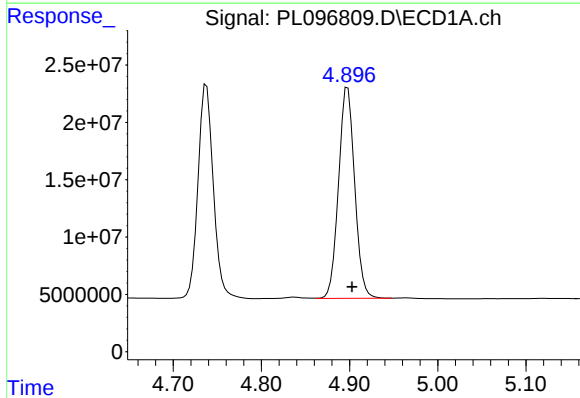
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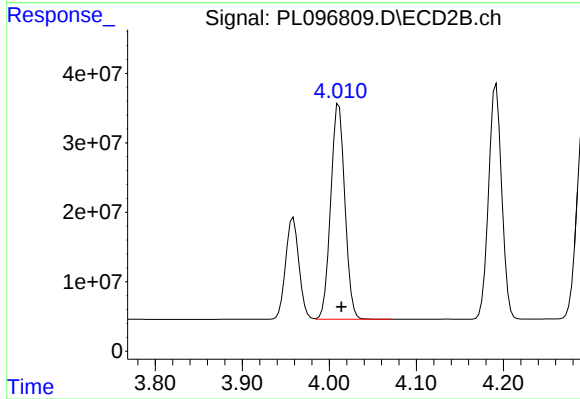
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 361572114
Conc: 54.76 ng/ml



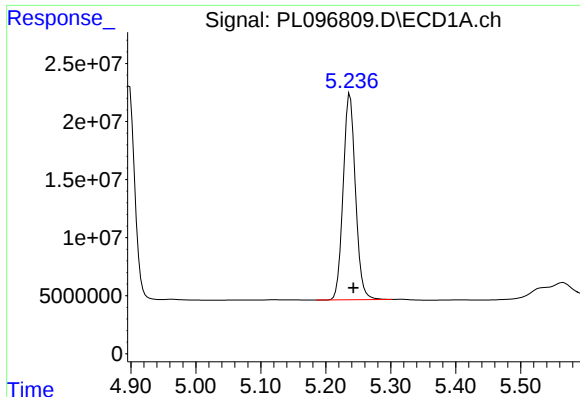
#4 Heptachlor

R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 233928348
Conc: 56.29 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 349489417
Conc: 52.46 ng/ml



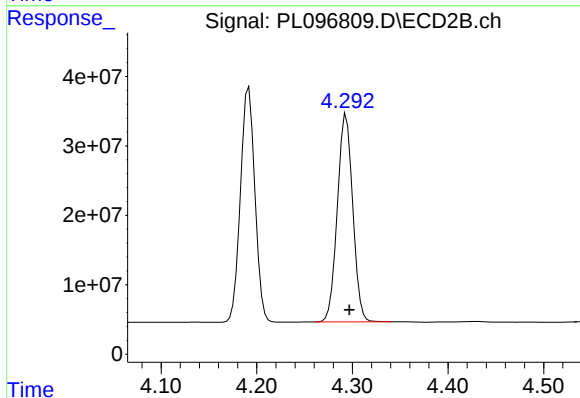
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: -0.006 min
Response: 234280670
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

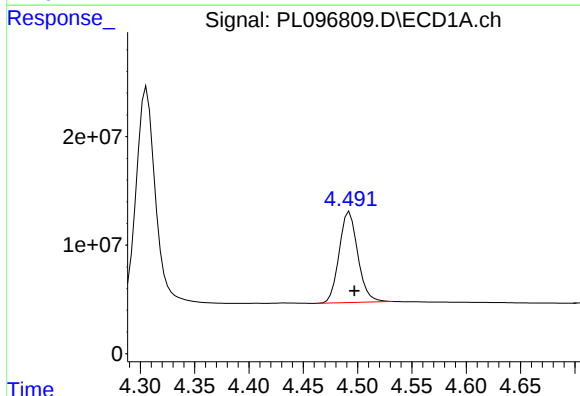
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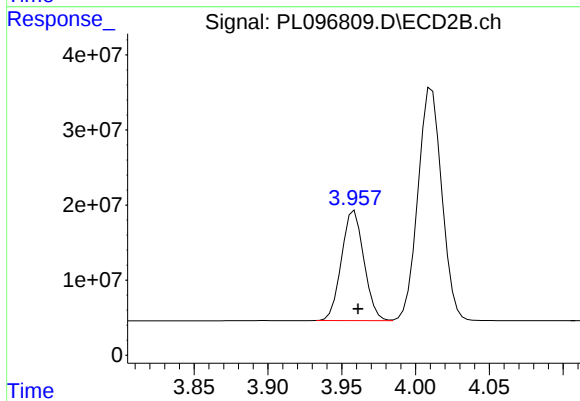
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 335119644
Conc: 53.99 ng/ml



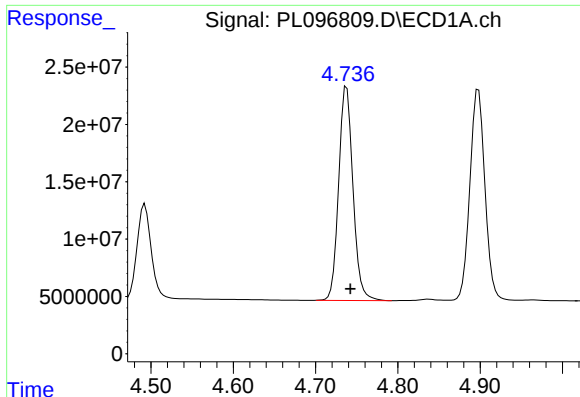
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 100061902
Conc: 55.44 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 155064205
Conc: 54.97 ng/ml



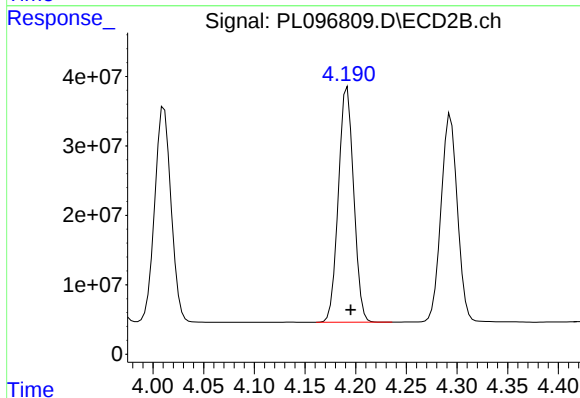
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 225545917
Conc: 56.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

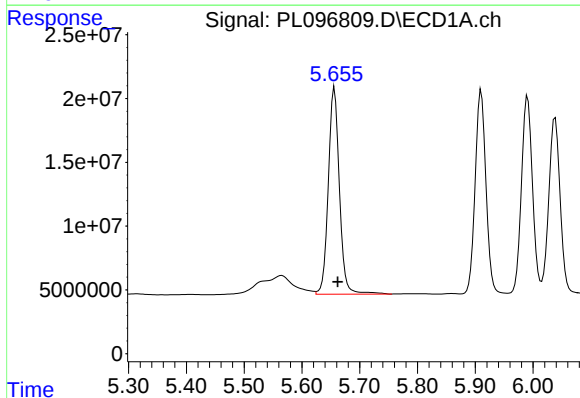
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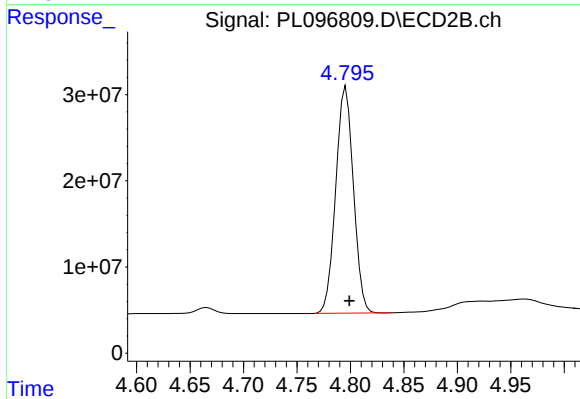
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 354885376
Conc: 54.82 ng/ml



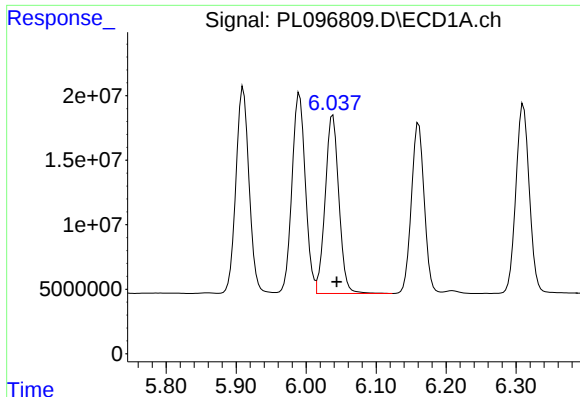
#8 Heptachlor epoxide

R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 217889456
Conc: 56.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 302503219
Conc: 52.97 ng/ml



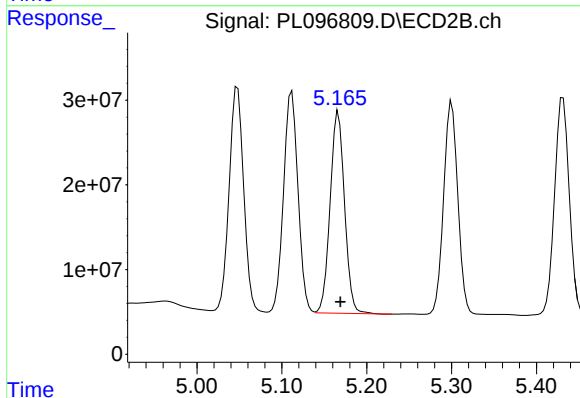
#9 Endosulfan I

R.T.: 6.038 min
Delta R.T.: -0.005 min
Response: 188611629
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

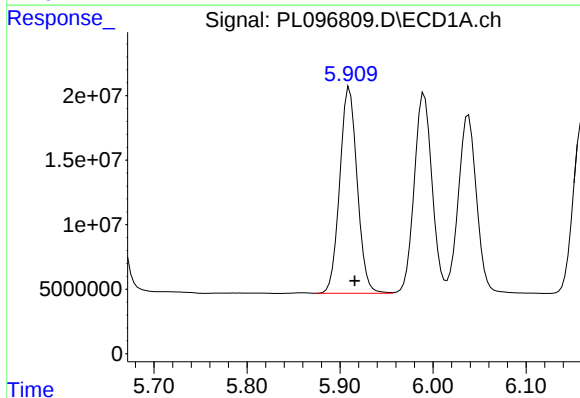
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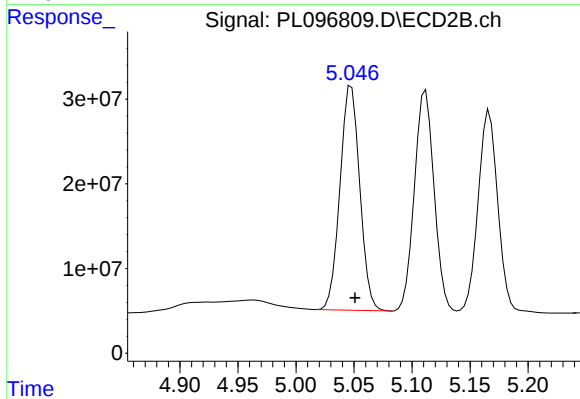
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 281386581
Conc: 50.87 ng/ml



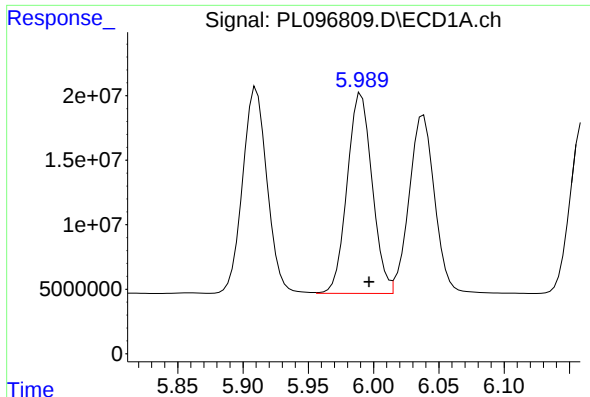
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 208437645
Conc: 54.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 314776382
Conc: 53.53 ng/ml



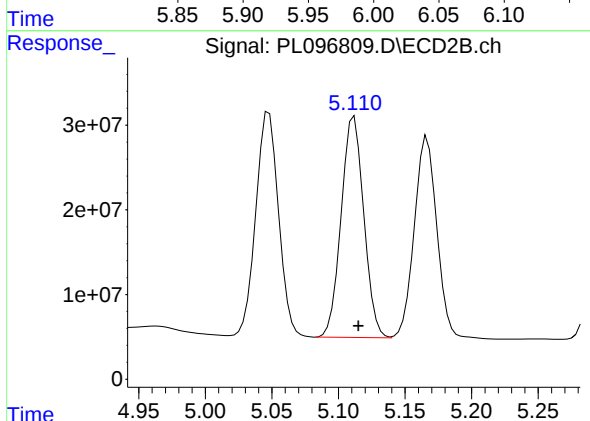
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.006 min
Response: 206540961
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

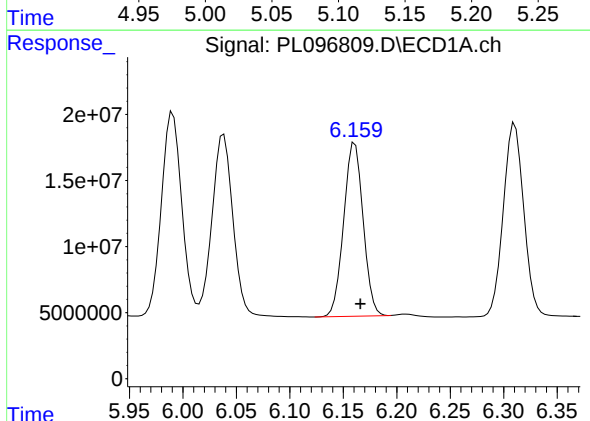
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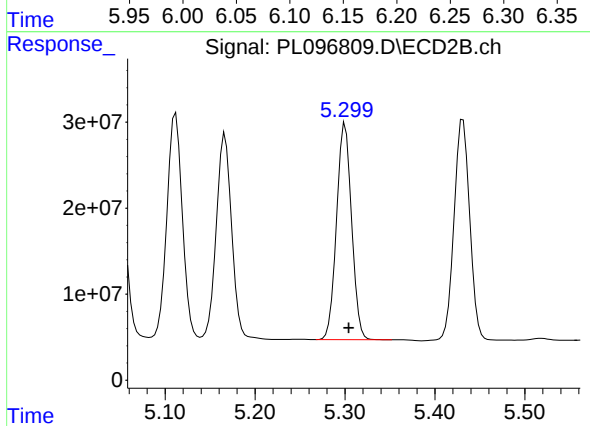
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 308961670
Conc: 52.38 ng/ml



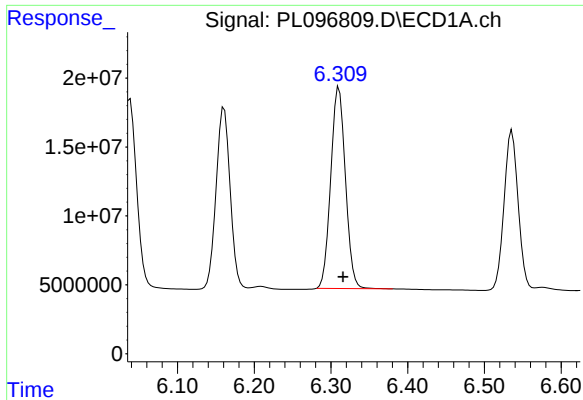
#12 4,4'-DDE

R.T.: 6.161 min
Delta R.T.: -0.005 min
Response: 166264228
Conc: 51.78 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 292228014
Conc: 52.99 ng/ml



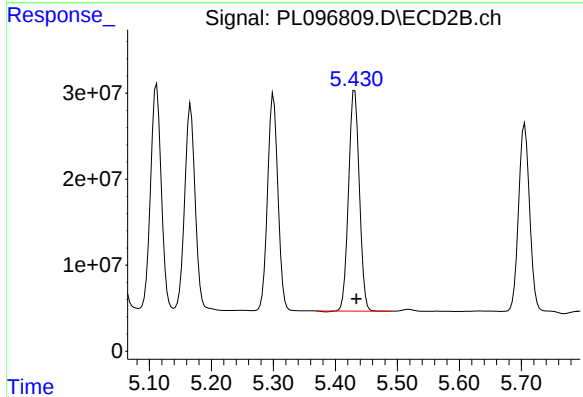
#13 Dieldrin

R.T.: 6.310 min
Delta R.T.: -0.005 min
Response: 194103858
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

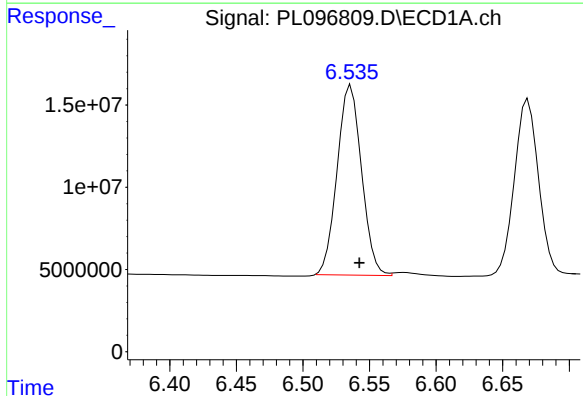
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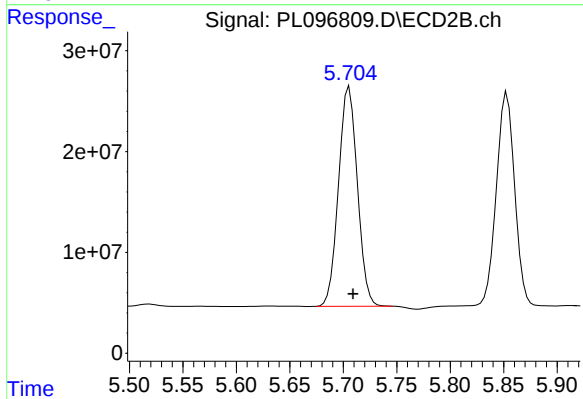
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 308800828
Conc: 52.28 ng/ml



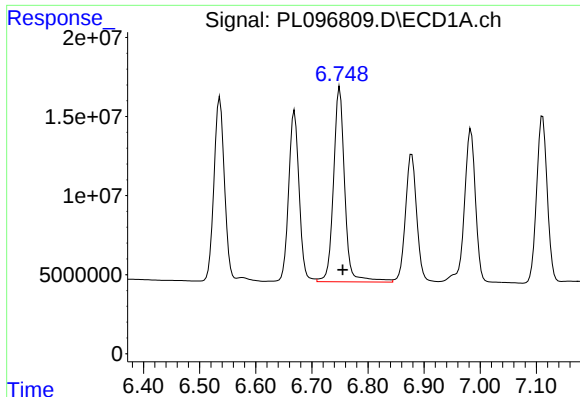
#14 Endrin

R.T.: 6.536 min
Delta R.T.: -0.006 min
Response: 147318434
Conc: 48.67 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 267686290
Conc: 49.52 ng/ml



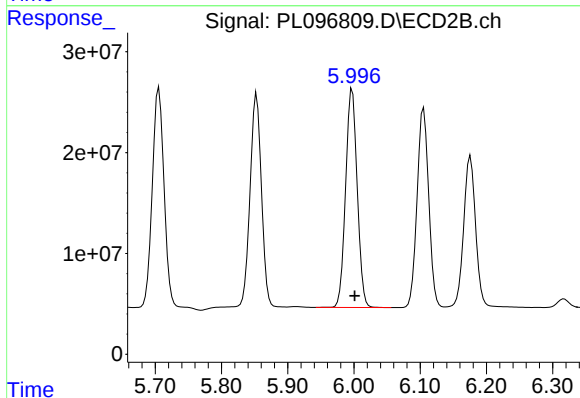
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 171803080
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

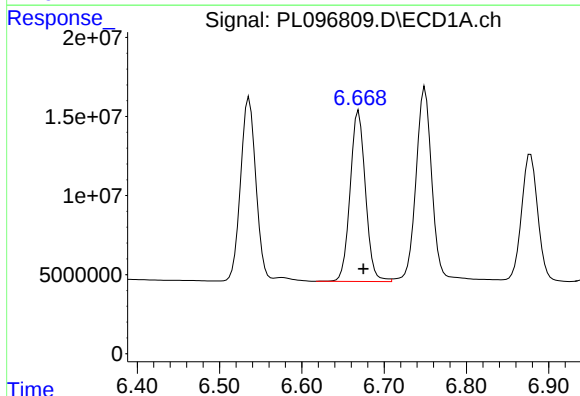
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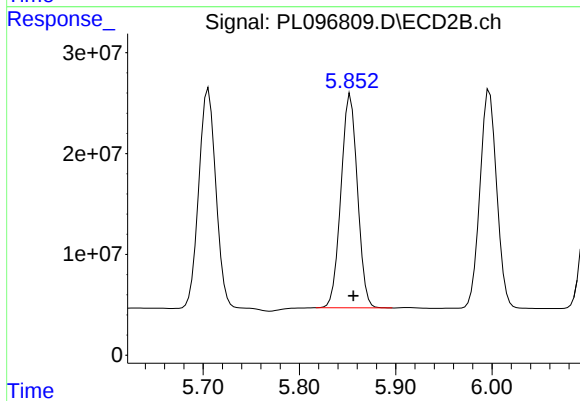
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 263718872
Conc: 51.34 ng/ml



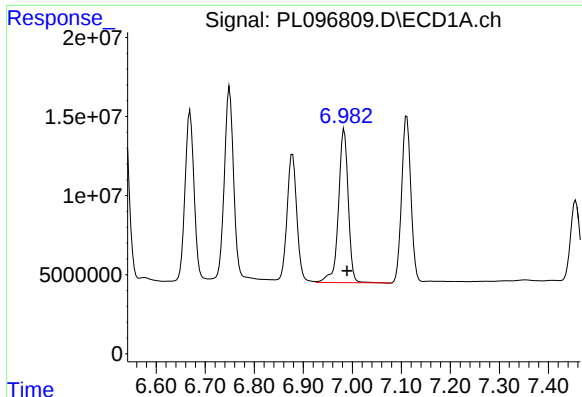
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 139339846
Conc: 55.11 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 251457249
Conc: 53.44 ng/ml



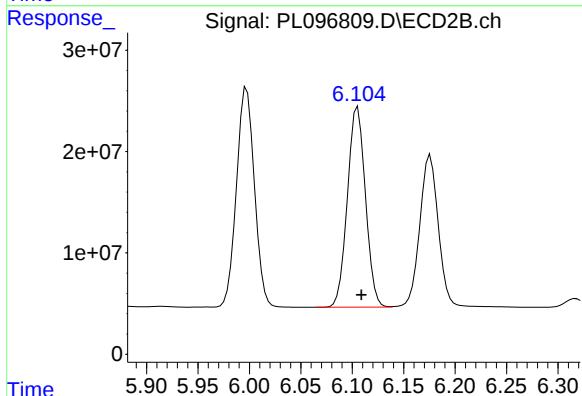
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 134429670
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

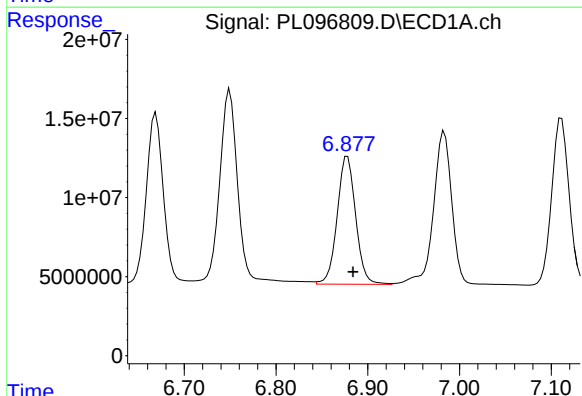
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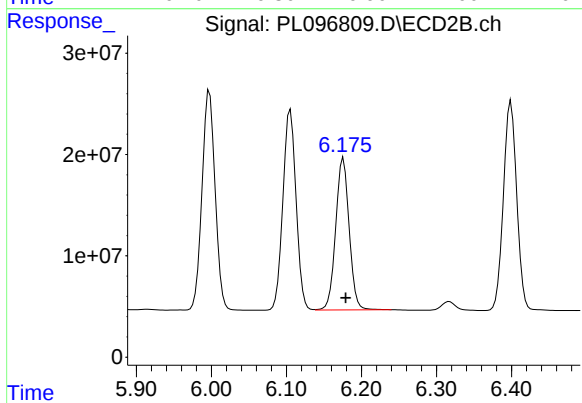
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 241413492
Conc: 47.73 ng/ml



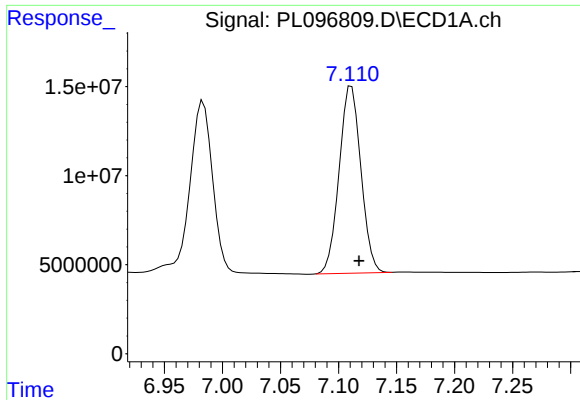
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 113260452
Conc: 52.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 187377359
Conc: 51.55 ng/ml



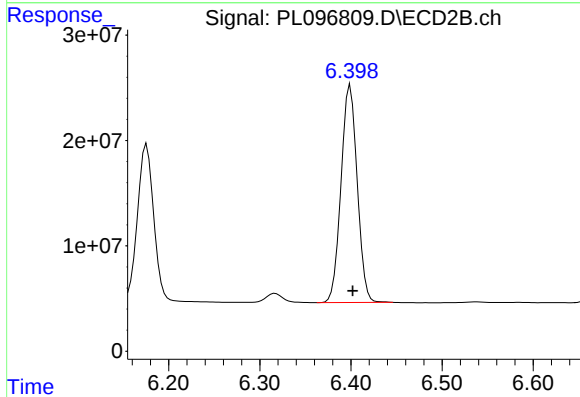
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.006 min
Response: 137072537
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

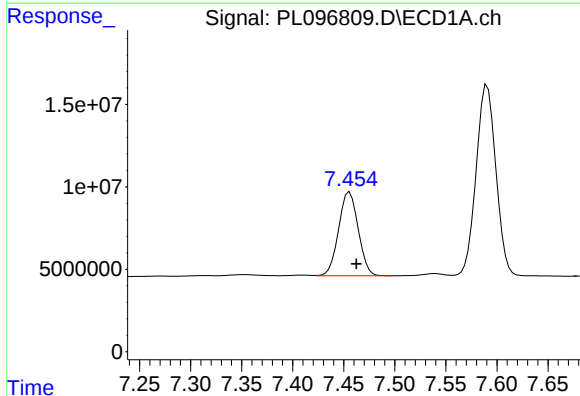
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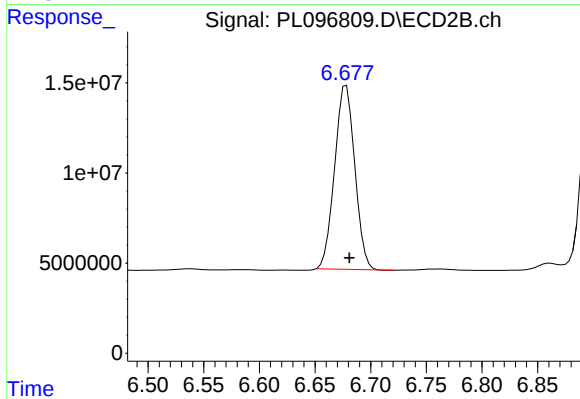
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 254644813
Conc: 50.07 ng/ml



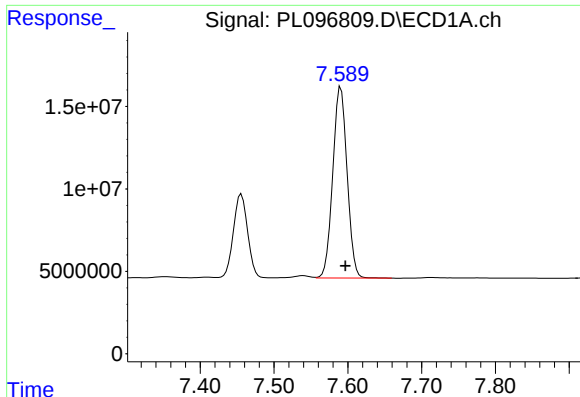
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 67951447
Conc: 46.28 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 128478438
Conc: 46.88 ng/ml



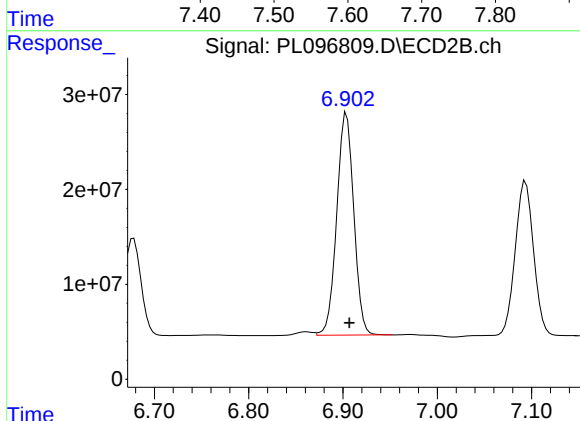
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.006 min
Response: 156558462
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

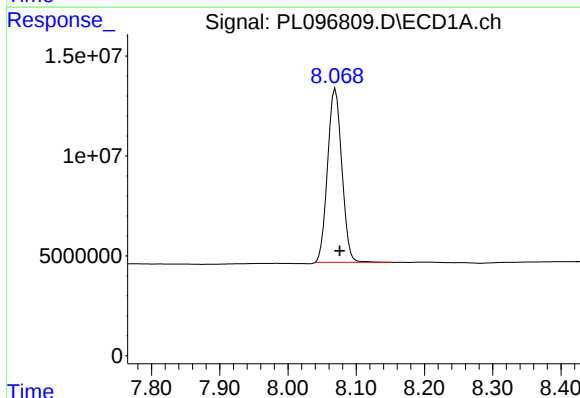
Manual Integrations
APPROVED

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



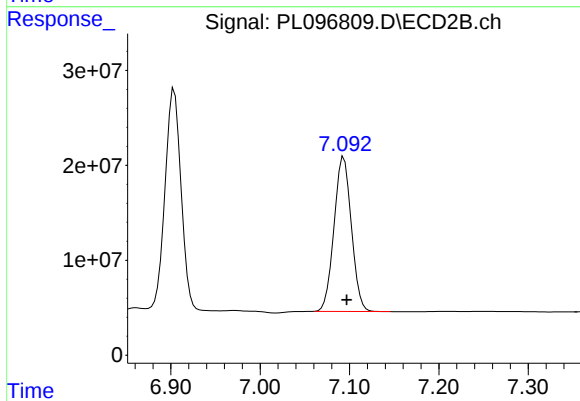
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 294458303
Conc: 52.87 ng/ml



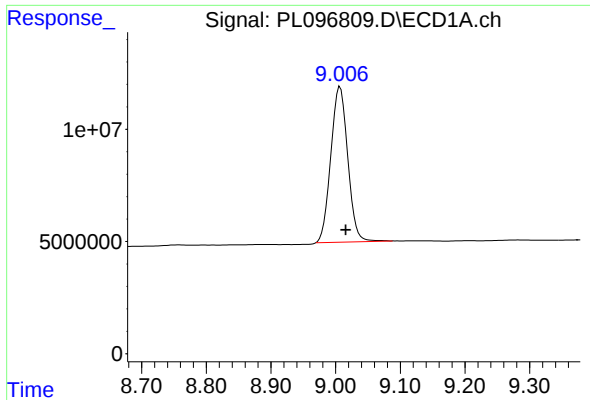
#22 Mirex

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 126411547
Conc: 50.99 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 219380209
Conc: 50.31 ng/ml



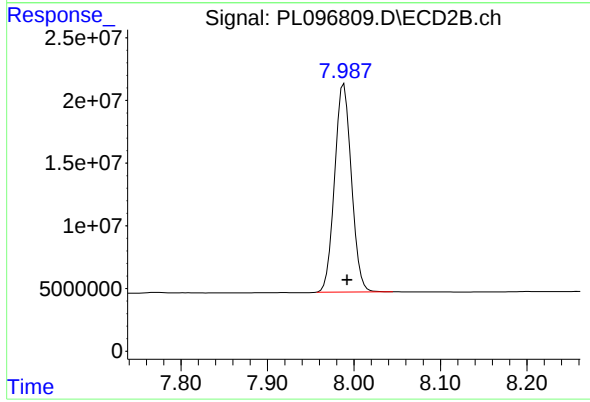
#28 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: -0.009 min
Response: 125834964
Conc: 52.77 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.: 7.989 min
Delta R.T.: -0.004 min
Response: 222970755
Conc: 51.40 ng/ml