

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 16:05
 Operator : AR\AJ
 Sample : PB168880BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168880BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/23/2025
 Supervised By : mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:48:17 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...	3.535	2.827	76439480	136.4E6	20.948	23.640
28)	SA Decachlor...	9.017	7.992	61694081	120.0E6	21.931	24.064
Target Compounds							
2)	A alpha-BHC	3.982	3.332	250.0E6	466.2E6	48.604	55.272
3)	MA gamma-BHC...	4.310	3.664	238.7E6	433.0E6	47.932	54.978
4)	MA Heptachlor	4.903	4.013	226.5E6	419.6E6	49.438	55.148
5)	MB Aldrin	5.242	4.296	229.6E6	402.5E6	47.492	55.167
6)	B beta-BHC	4.497	3.960	102.0E6	181.1E6	49.061	52.905
7)	B delta-BHC	4.742	4.193	224.4E6	425.3E6	50.068	55.219
8)	B Heptachlo...	5.662	4.798	213.3E6	362.0E6	51.409	54.152
9)	A Endosulfan I	6.043	5.169	193.9E6	332.3E6	48.037	46.315
10)	B gamma-Chl...	5.916	5.050	211.7E6	382.0E6	47.844	54.421
11)	B alpha-Chl...	5.996	5.114	209.8E6	372.6E6	47.913	49.541
12)	B 4,4'-DDE	6.167	5.303	176.8E6	353.1E6	47.693	54.623
13)	MA Dieldrin	6.316	5.433	202.2E6	373.0E6	47.819	54.702m
14)	MA Endrin	6.542	5.709	162.1E6	349.2E6	52.130	57.273
15)	B Endosulfa...	6.754	6.000	170.9E6	318.3E6	49.240m	54.273
16)	A 4,4'-DDD	6.675	5.856	148.7E6	299.5E6	51.087	58.392
17)	MA 4,4'-DDT	6.989	6.108	150.4E6	301.9E6	49.546	52.642
18)	B Endrin al...	6.884	6.178	128.9E6	247.4E6	57.644	55.530
19)	B Endosulfa...	7.117	6.402	149.4E6	313.1E6	48.836	55.676
20)	A Methoxychlor	7.462	6.681	76275480	161.4E6	48.417	53.124
21)	B Endrin ke...	7.596	6.906	156.0E6	348.7E6	47.245	55.773
22)	Mirex	8.077	7.097	131.3E6	257.1E6	47.202	51.749

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
Data File : PL096514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 16:05
Operator : AR\AJ
Sample : PB168880BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

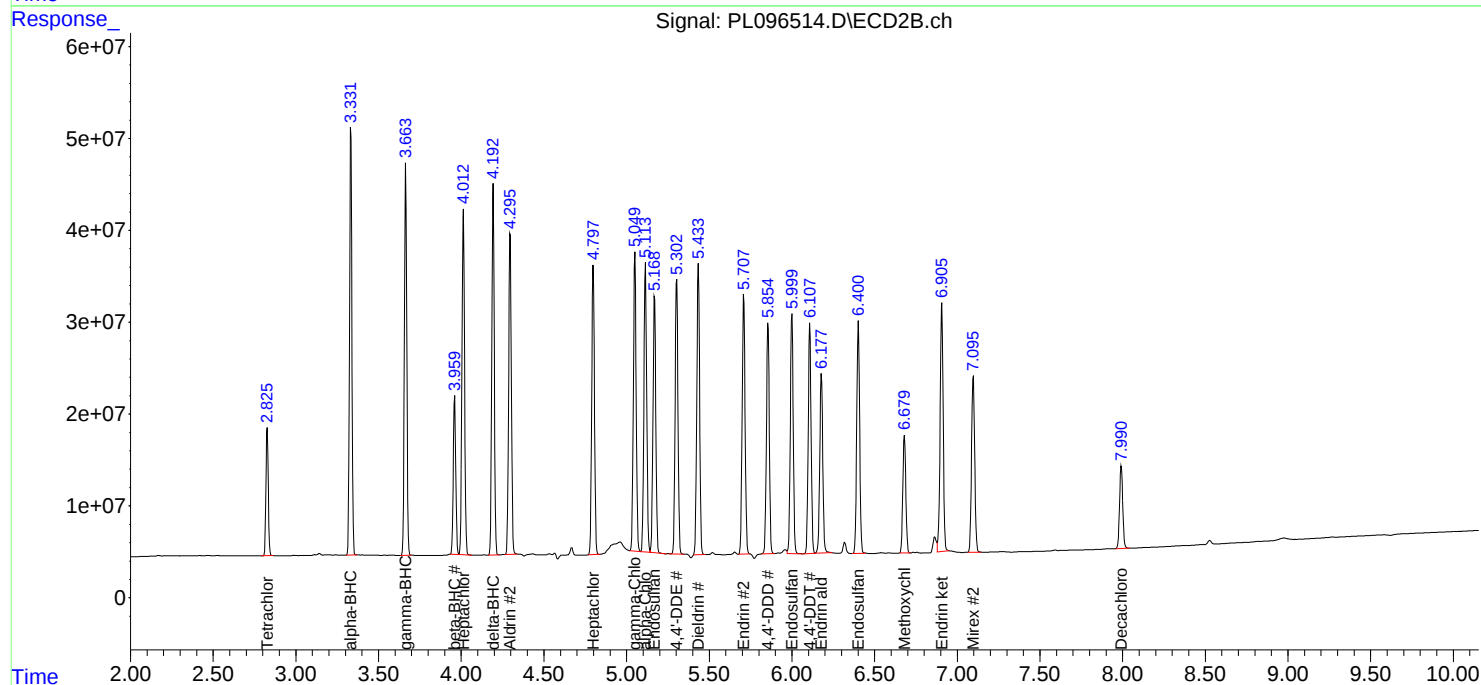
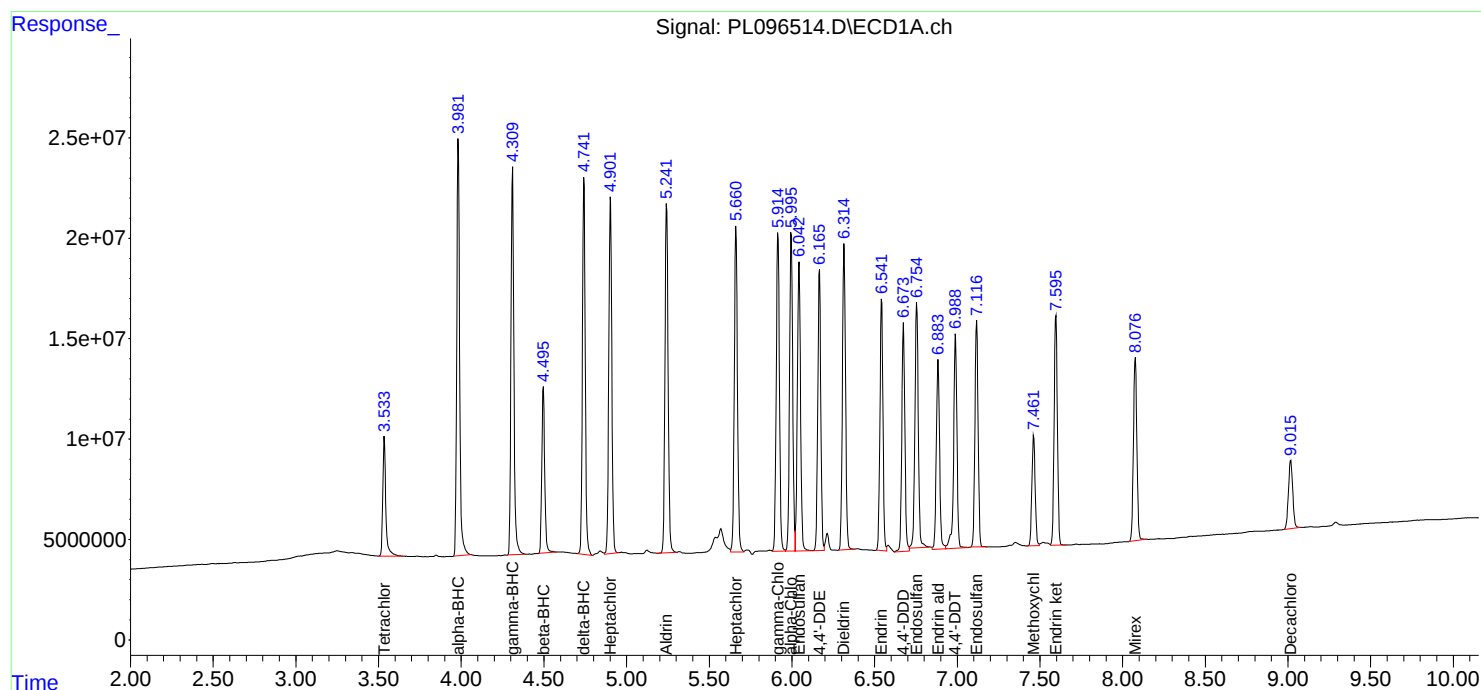
Instrument :
ECD_L
ClientSampleId :
PB168880BSD

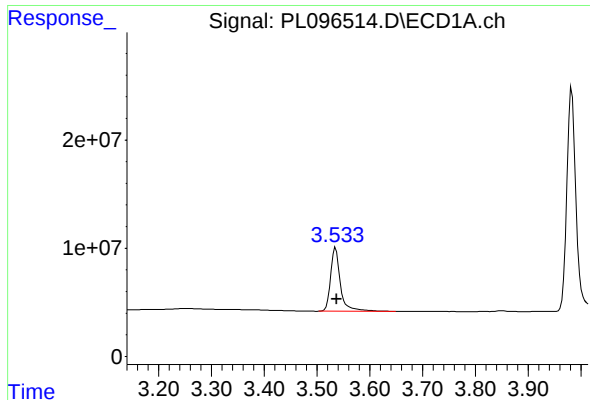
Manual Integrations
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Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:48:17 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





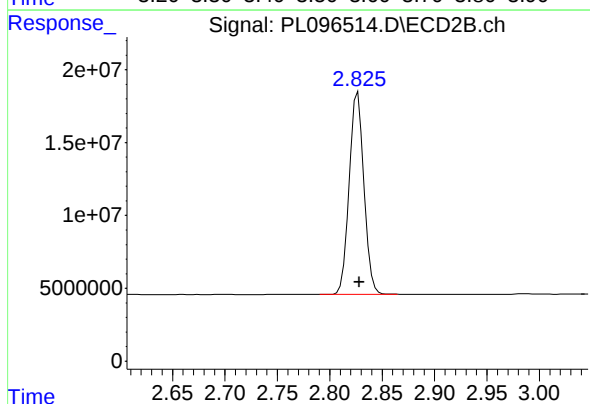
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 76439480
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

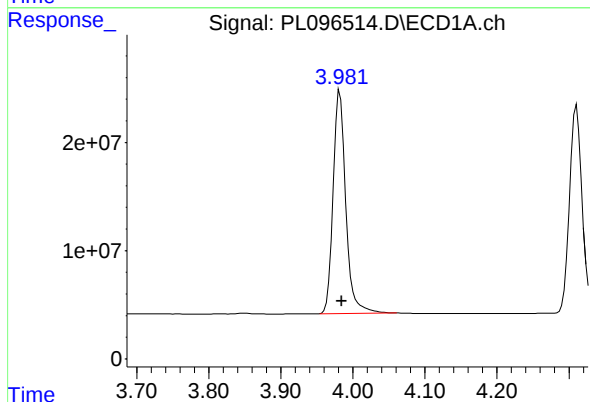
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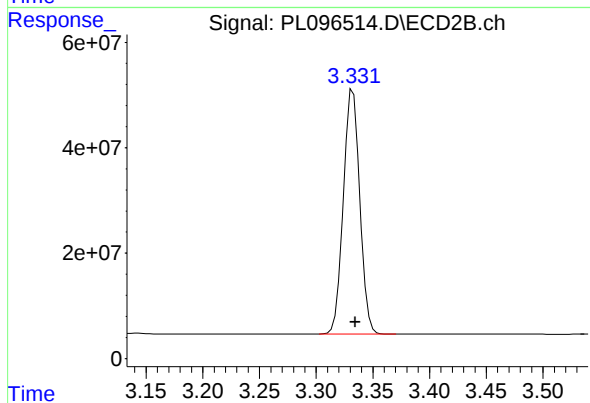
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.002 min
Response: 136433406
Conc: 23.64 ng/ml



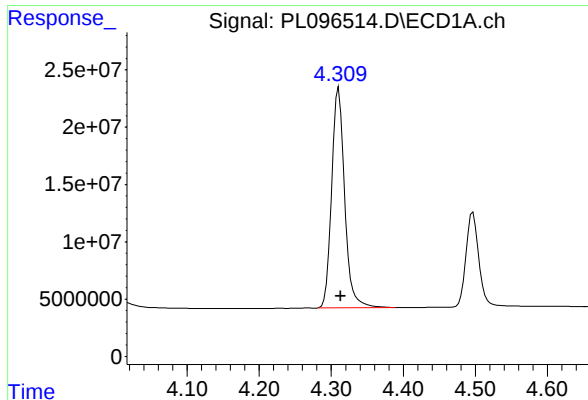
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 249976676
Conc: 48.60 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.002 min
Response: 466180314
Conc: 55.27 ng/ml



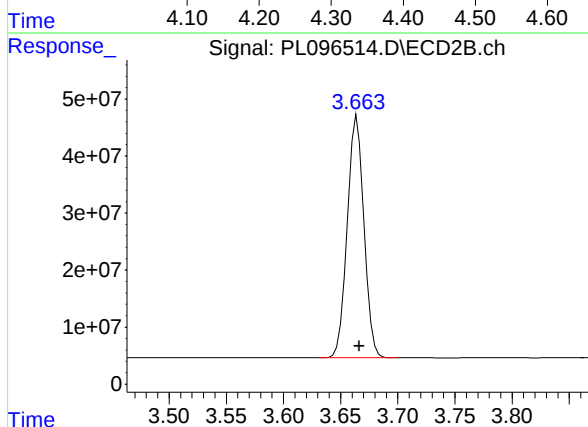
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 238686926
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

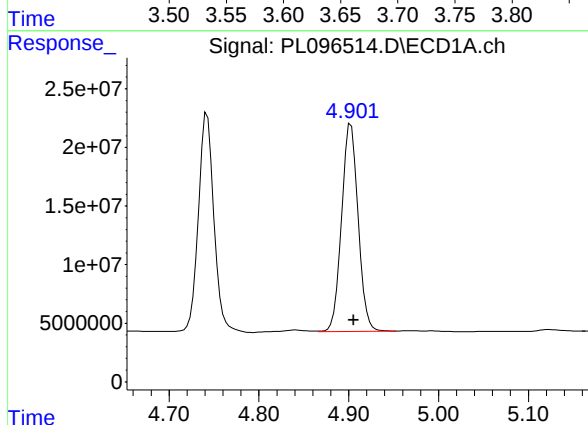
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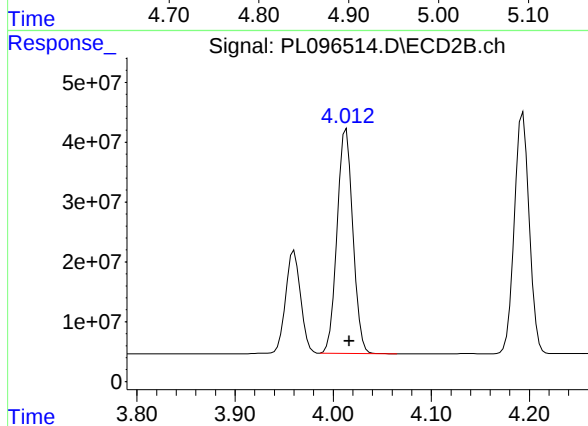
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 433003296
Conc: 54.98 ng/ml



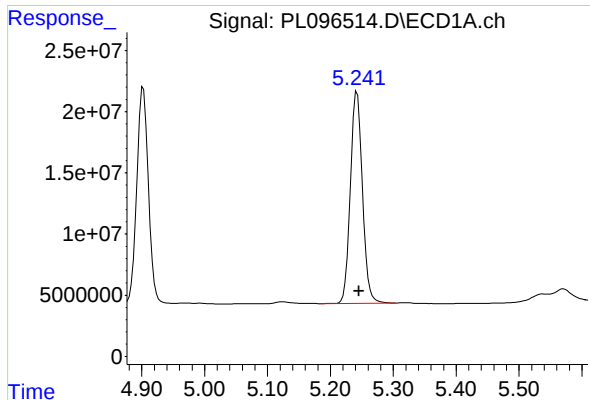
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 226487802
Conc: 49.44 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 419554343
Conc: 55.15 ng/ml



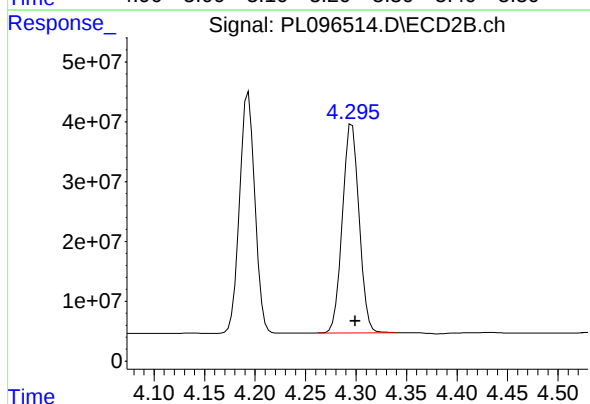
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 229562009
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

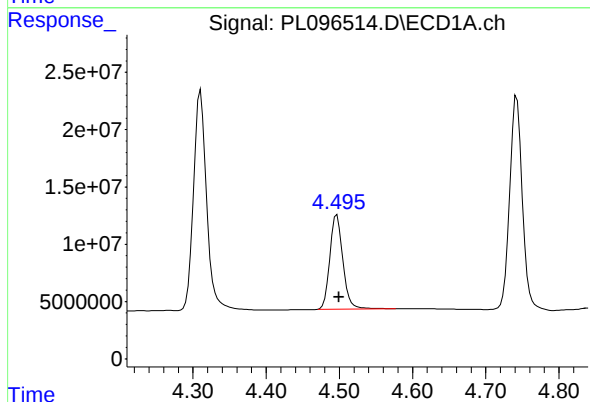
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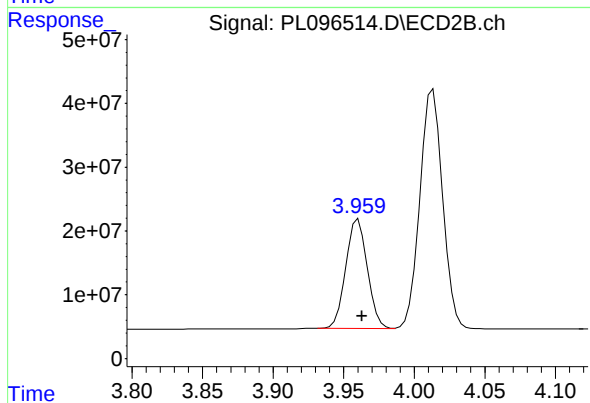
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 402479128
Conc: 55.17 ng/ml



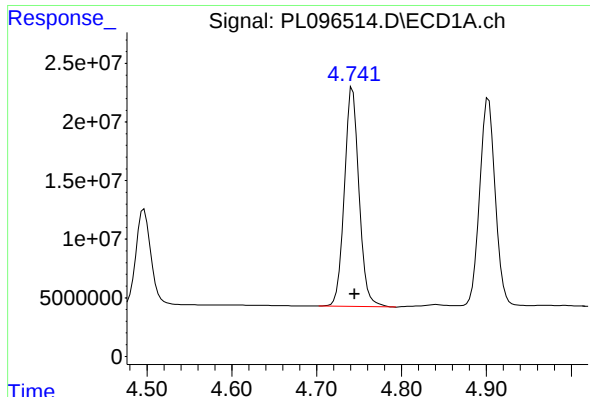
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 101987521
Conc: 49.06 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 181141271
Conc: 52.90 ng/ml



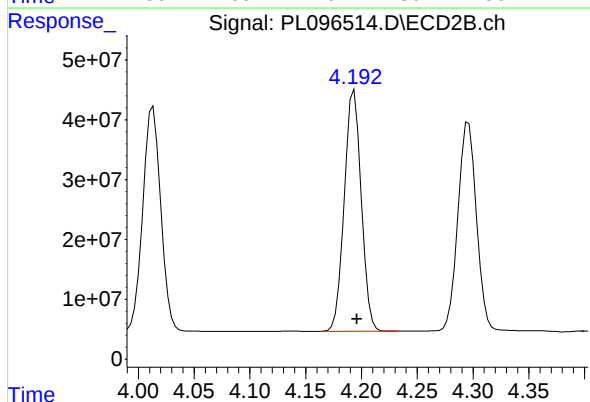
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 224371616
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

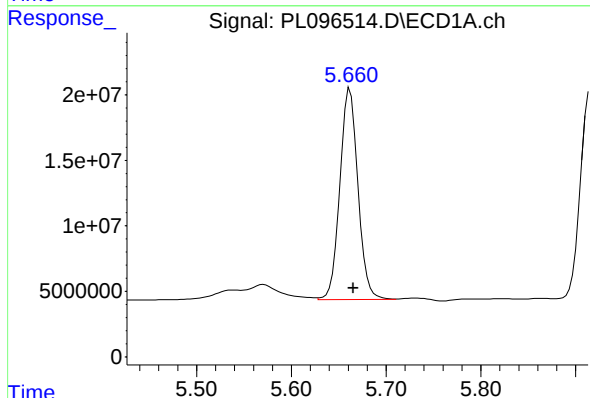
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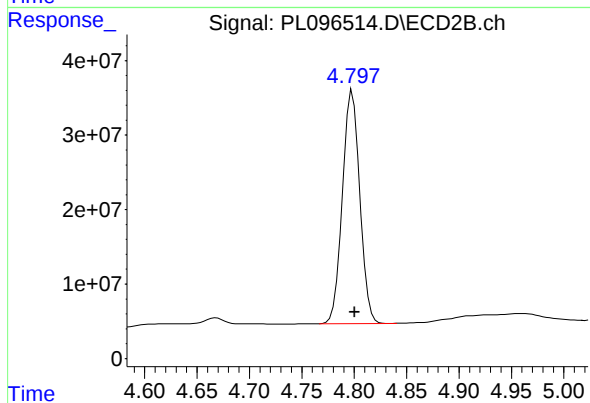
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 425295062
Conc: 55.22 ng/ml



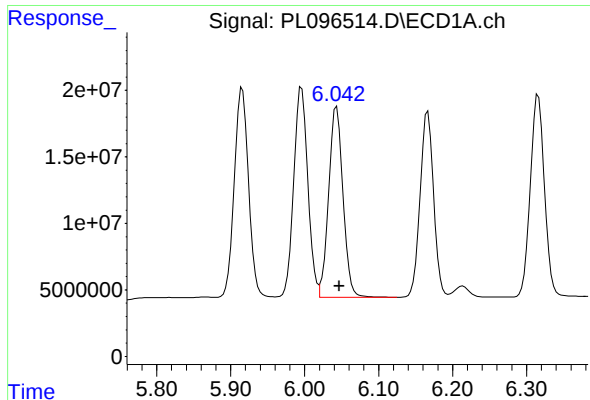
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 213304795
Conc: 51.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 362003442
Conc: 54.15 ng/ml



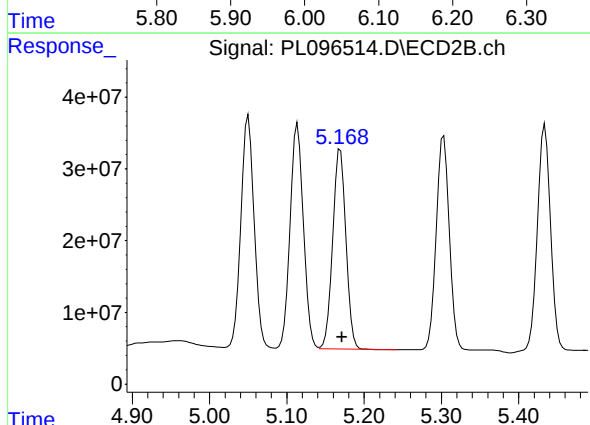
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 193937207
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

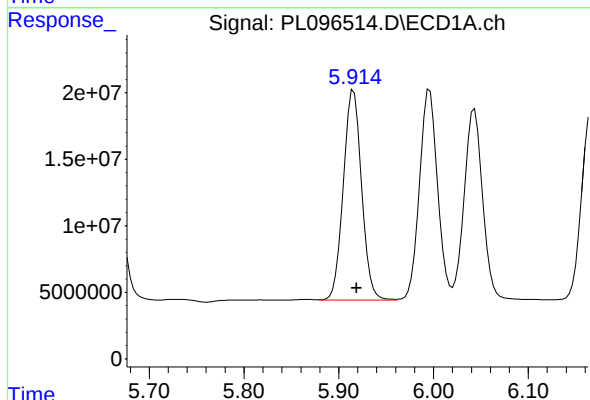
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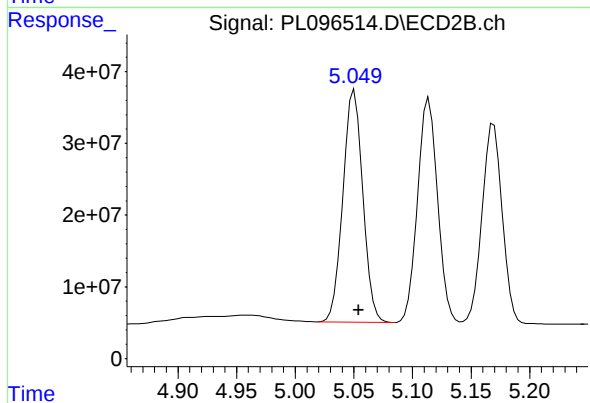
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 332268967
Conc: 46.31 ng/ml



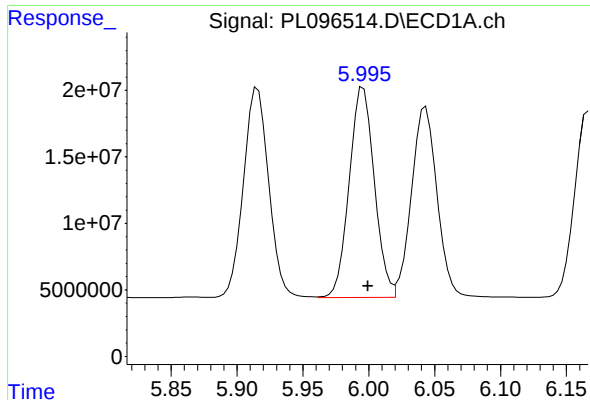
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 211698597
Conc: 47.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 382015806
Conc: 54.42 ng/ml



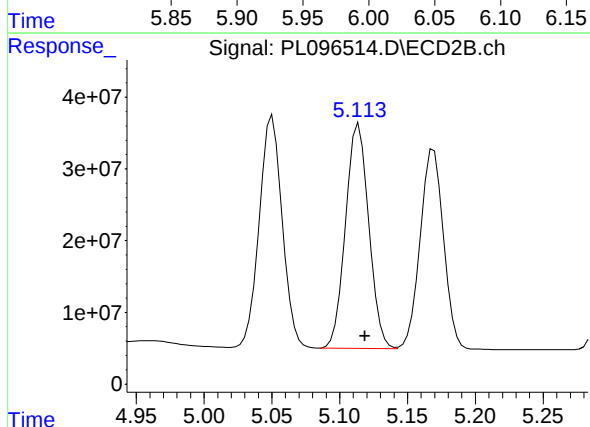
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: -0.004 min
Response: 209803396
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

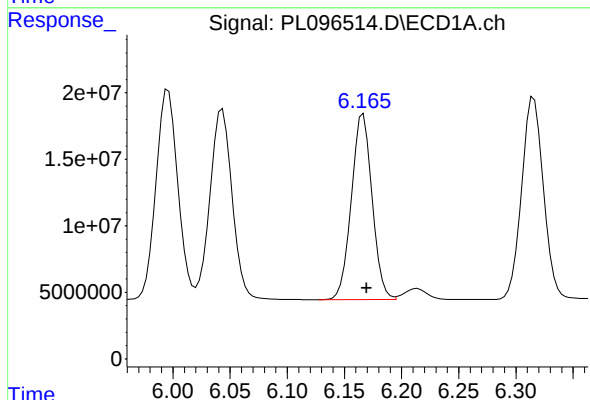
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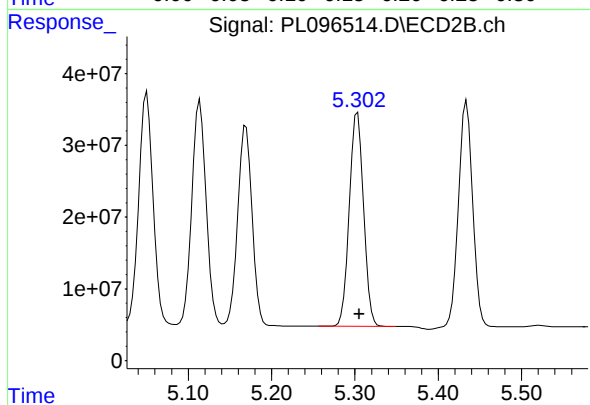
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 372558035
Conc: 49.54 ng/ml



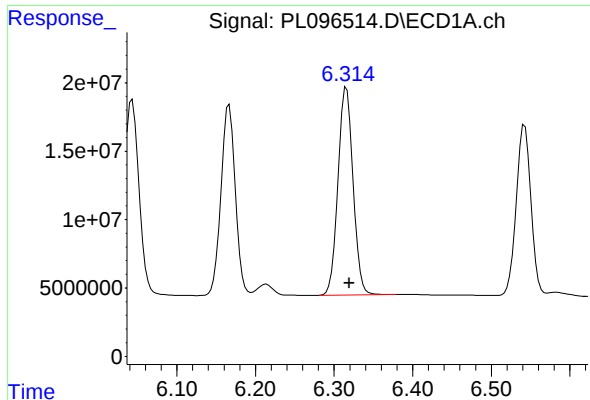
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 176820971
Conc: 47.69 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 353066114
Conc: 54.62 ng/ml



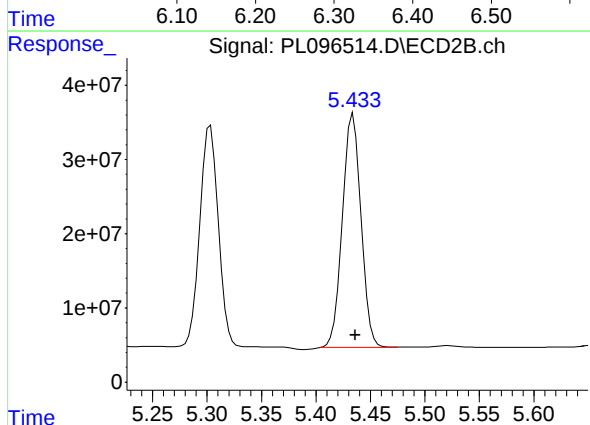
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 202199854
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

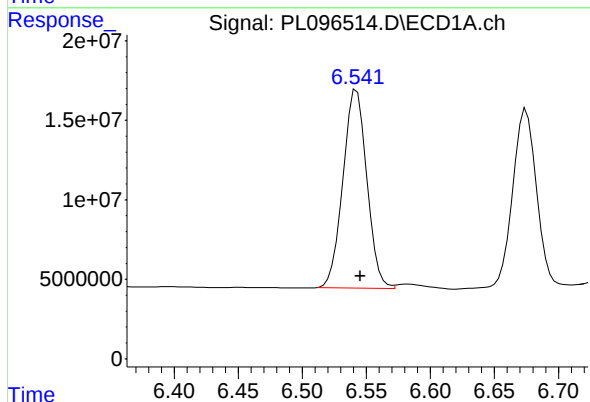
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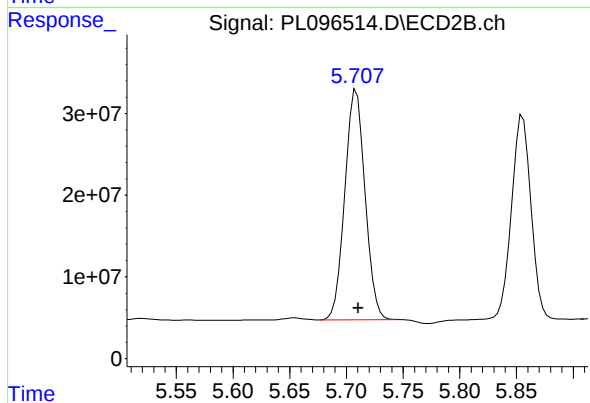
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 373024677
Conc: 54.70 ng/ml



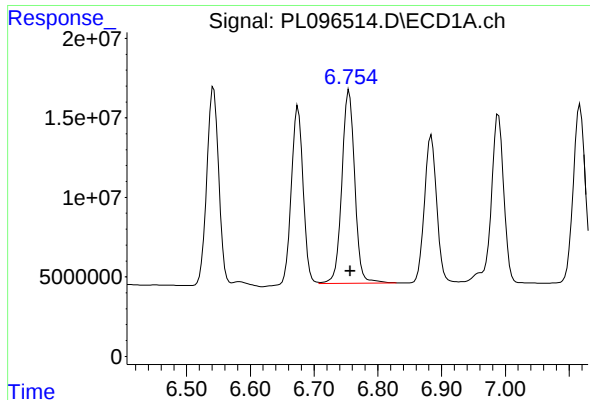
#14 Endrin

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 162134709
Conc: 52.13 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 349165975
Conc: 57.27 ng/ml



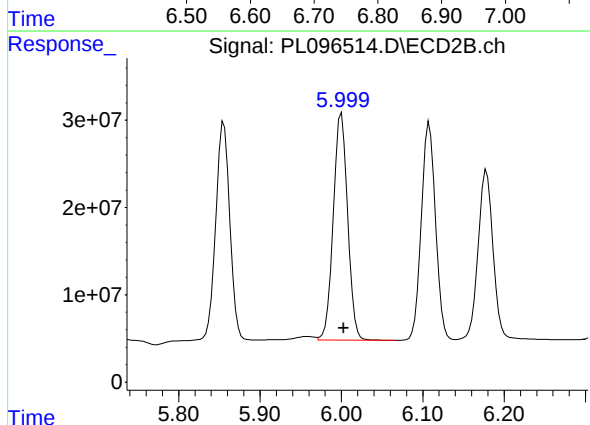
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 170863619
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

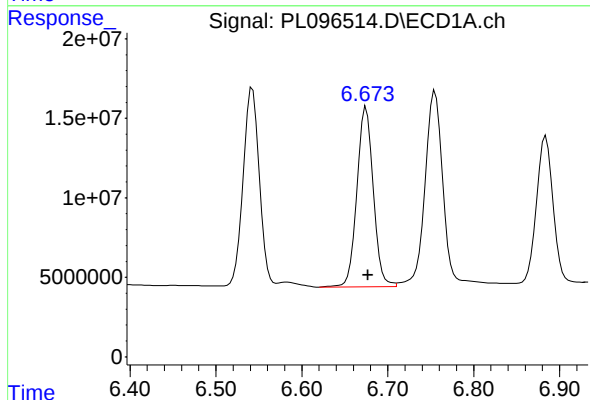
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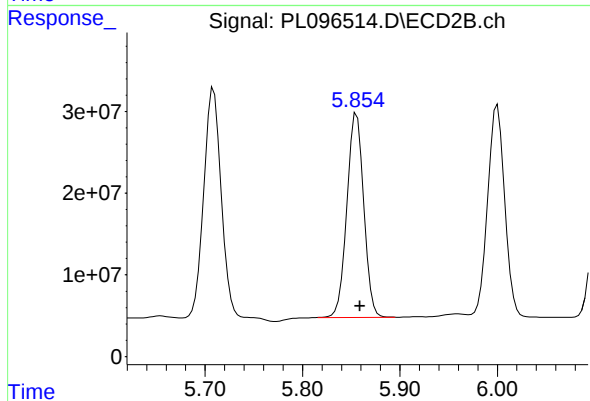
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 318252827
Conc: 54.27 ng/ml



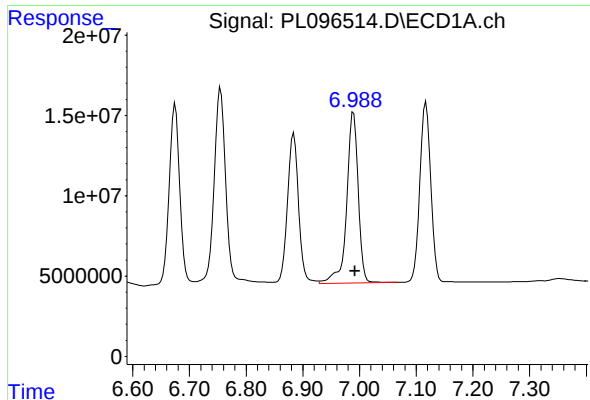
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 148748229
Conc: 51.09 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 299477118
Conc: 58.39 ng/ml



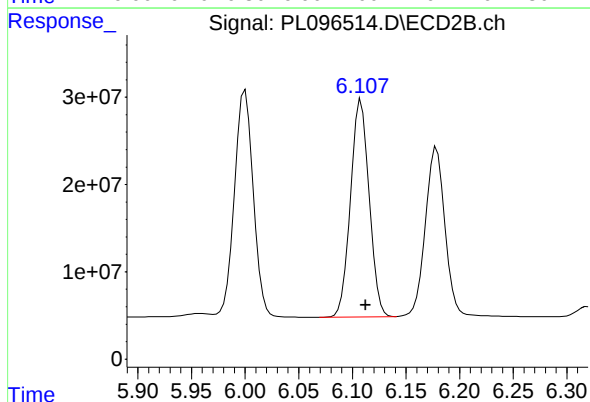
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 150381673
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

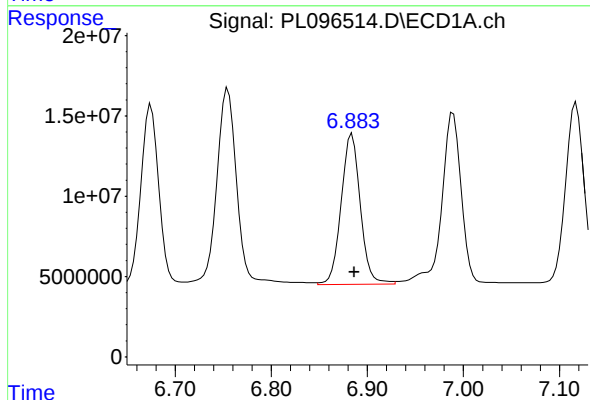
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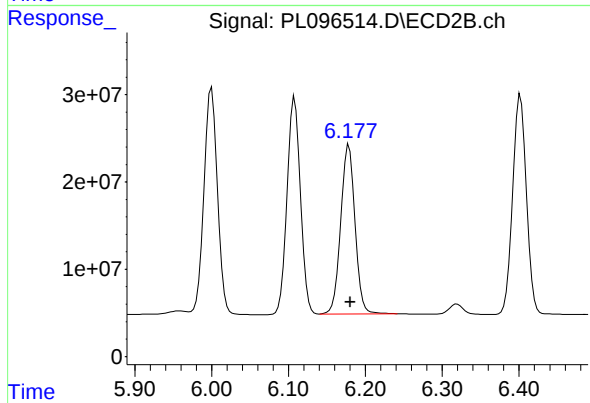
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 301907322
Conc: 52.64 ng/ml



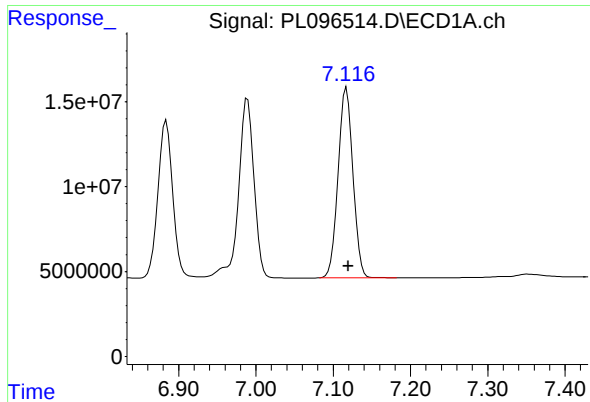
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 128866702
Conc: 57.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 247364100
Conc: 55.53 ng/ml



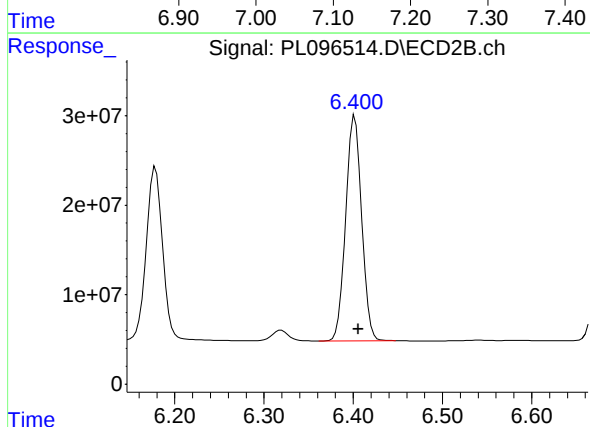
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 149380010
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

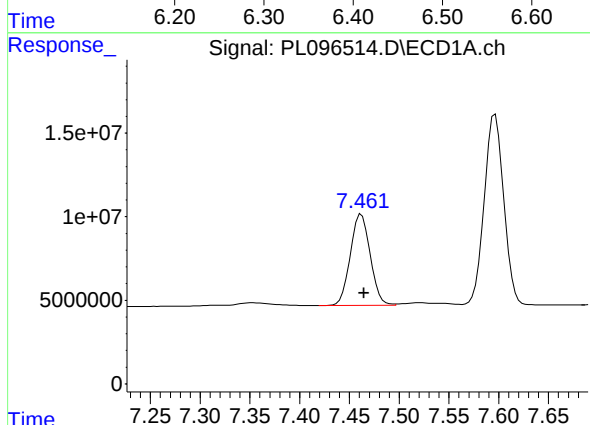
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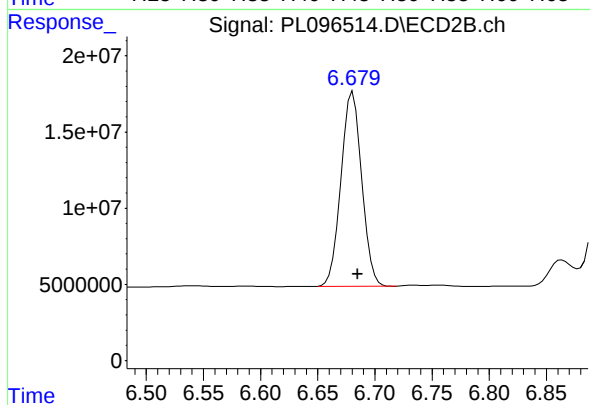
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 313146423
Conc: 55.68 ng/ml



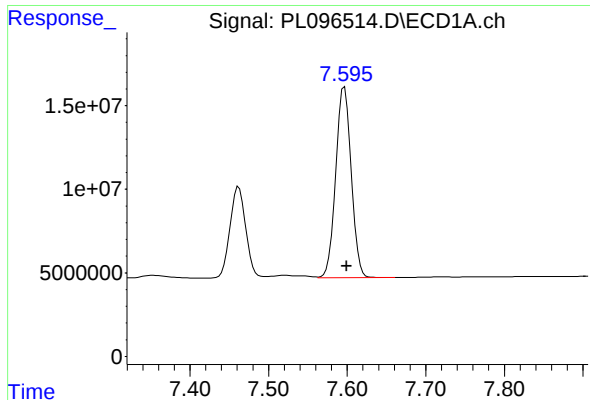
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 76275480
Conc: 48.42 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 161380229
Conc: 53.12 ng/ml



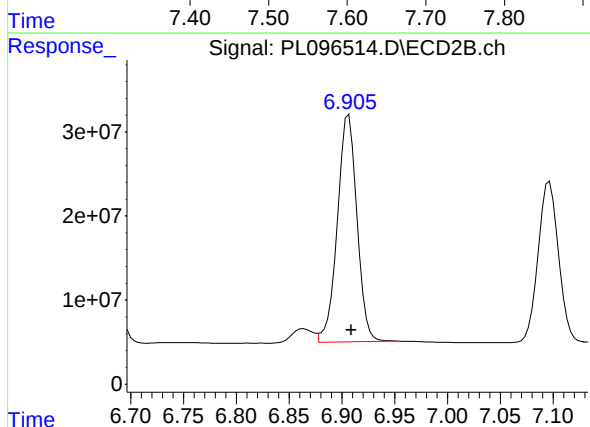
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 155985662
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

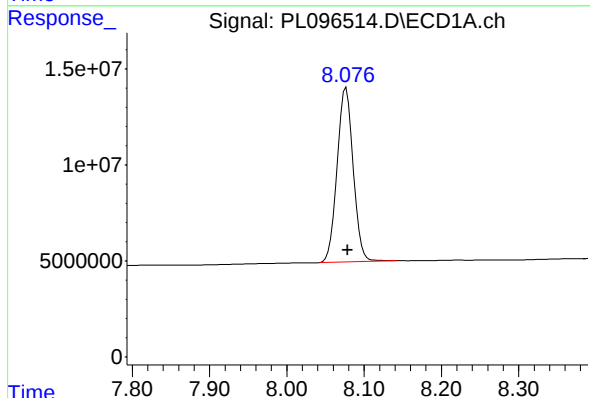
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



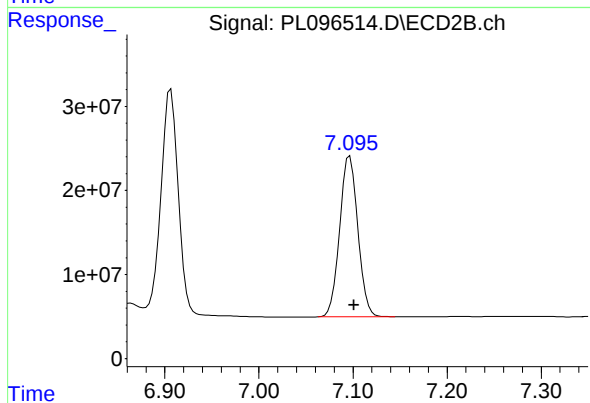
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 348705775
Conc: 55.77 ng/ml



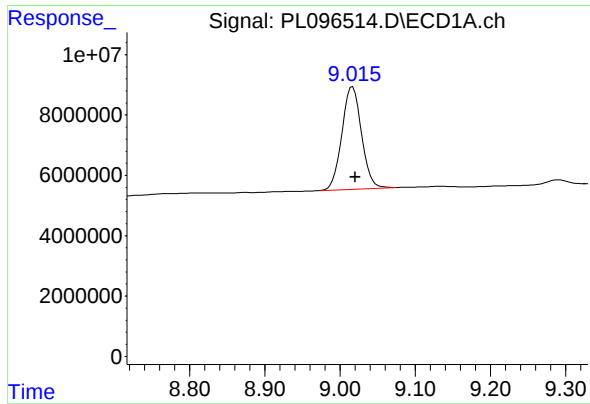
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.002 min
Response: 131326321
Conc: 47.20 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.005 min
Response: 257099595
Conc: 51.75 ng/ml



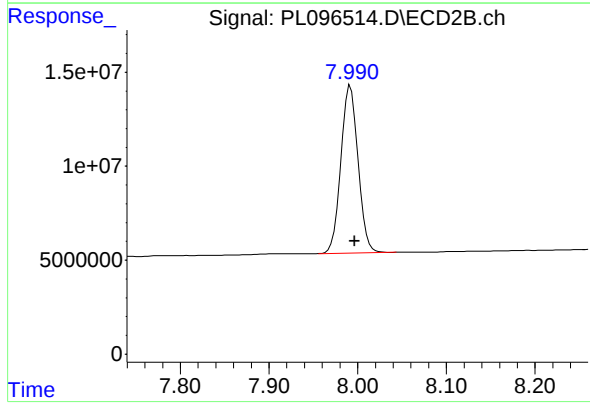
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 61694081
Conc: 21.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 119994611
Conc: 24.06 ng/ml