

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 19:09
 Operator : AR\AJ
 Sample : PB168789BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168789BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 02:37:29 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...	3.538	2.829	68279515	94996461	18.712	16.460
28)	SA Decachlor...	9.020	7.996	57454916	93669679	20.424	18.785
Target Compounds							
2)	A alpha-BHC	3.986	3.335	270.3E6	385.0E6	52.556	45.651
3)	MA gamma-BHC...	4.314	3.667	258.9E6	359.8E6	51.991	45.681
4)	MA Heptachlor	4.906	4.016	246.8E6	342.0E6	53.868	44.954
5)	MB Aldrin	5.246	4.300	249.2E6	336.4E6	51.558	46.108
6)	B beta-BHC	4.500	3.963	106.2E6	151.5E6	51.100	44.256
7)	B delta-BHC	4.745	4.197	238.9E6	353.2E6	53.304	45.859
8)	B Heptachlo...	5.664	4.802	227.2E6	305.7E6	54.746m	45.737
9)	A Endosulfan I	6.047	5.173	211.2E6	287.8E6	52.319	40.115
10)	B gamma-Chl...	5.919	5.054	229.7E6	321.7E6	51.913	45.822
11)	B alpha-Chl...	6.000	5.118	228.1E6	316.4E6	52.086	42.078
12)	B 4,4'-DDE	6.169	5.307	193.2E6	301.4E6	52.120	46.633
13)	MA Dieldrin	6.319	5.438	222.9E6	316.3E6	52.703	46.381
14)	MA Endrin	6.546	5.712	157.1E6	258.1E6	50.498	42.343
15)	B Endosulfa...	6.758	6.004	181.5E6	273.6E6	52.313	46.664
16)	A 4,4'-DDD	6.678	5.859	163.6E6	263.7E6	56.179	51.415
17)	MA 4,4'-DDT	6.992	6.112	154.0E6	240.8E6	50.743	41.985
18)	B Endrin al...	6.886	6.182	139.3E6	214.6E6	62.294	48.166
19)	B Endosulfa...	7.120	6.405	166.9E6	263.8E6	54.570	46.901
20)	A Methoxychlor	7.464	6.685	76753904	126.6E6	48.720	41.683
21)	B Endrin ke...	7.600	6.910	185.0E6	311.1E6	56.039	49.763
22)	Mirex	8.080	7.101	135.9E6	216.5E6	48.849	43.582

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:09
Operator : AR\AJ
Sample : PB168789BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

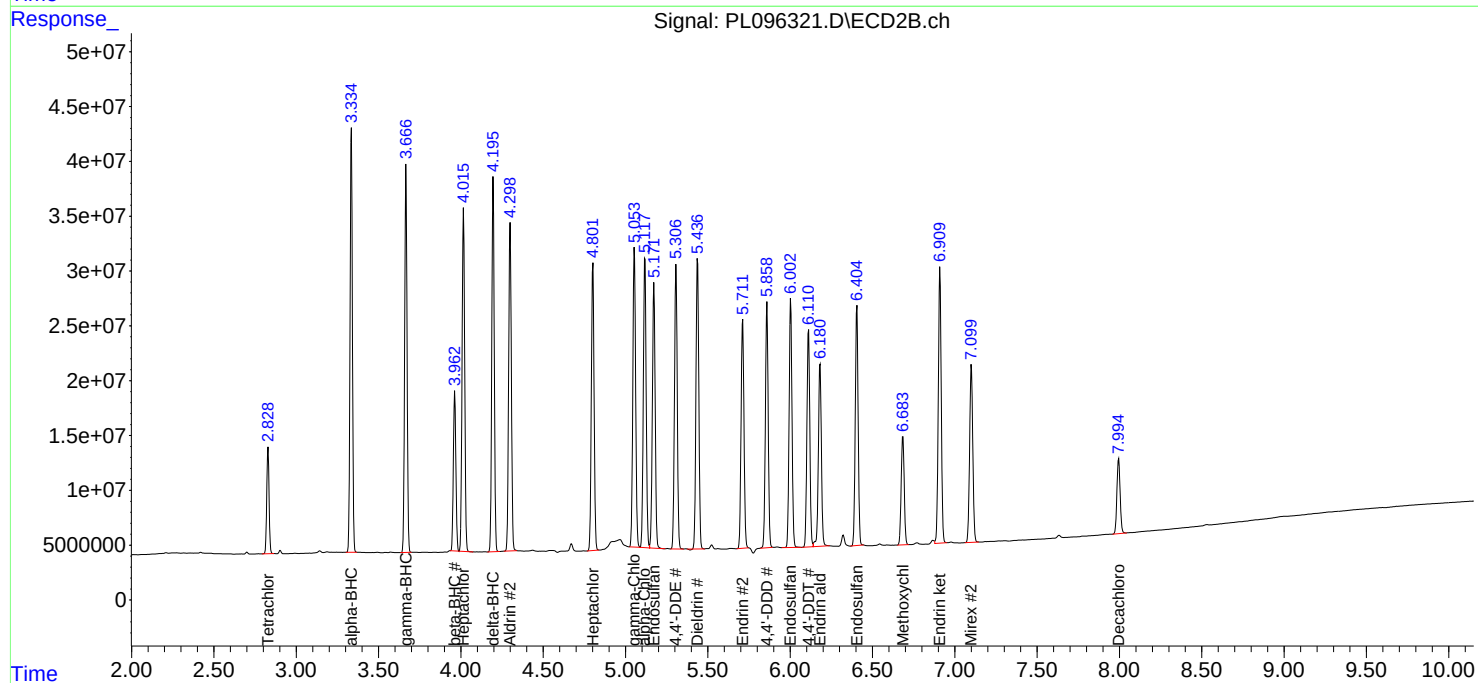
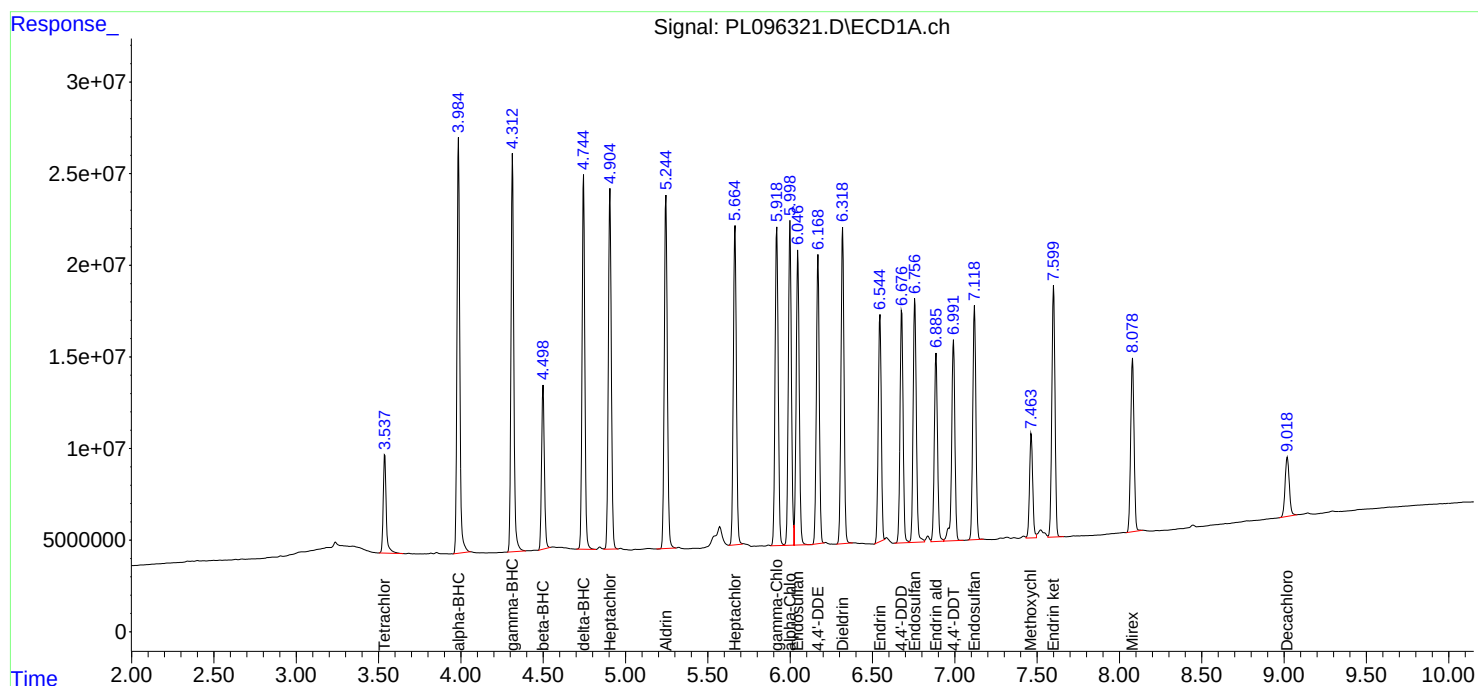
Instrument :
ECD_L
ClientSampleId :
PB168789BS

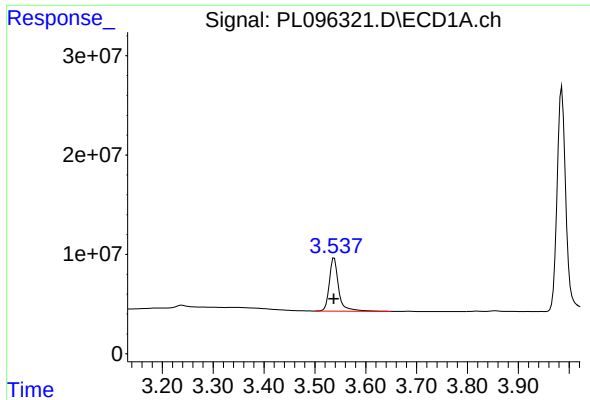
Manual Integrations
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Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:29 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





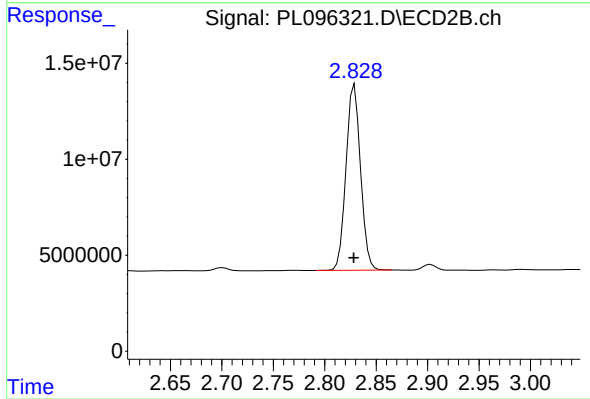
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 68279515
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

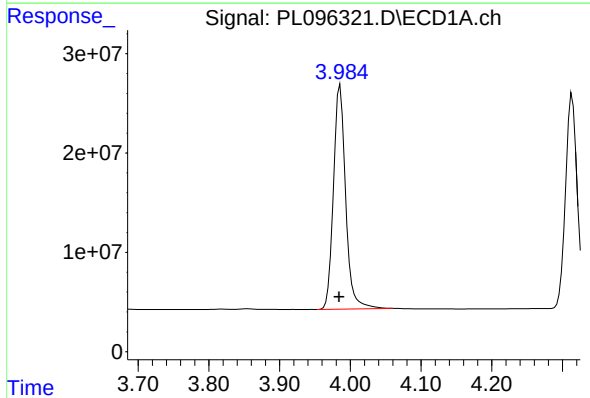
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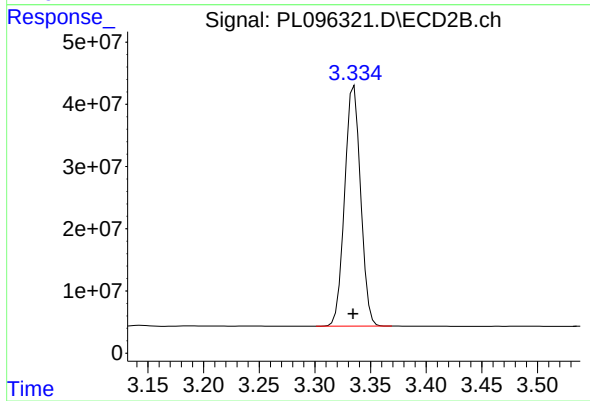
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 94996461
Conc: 16.46 ng/ml



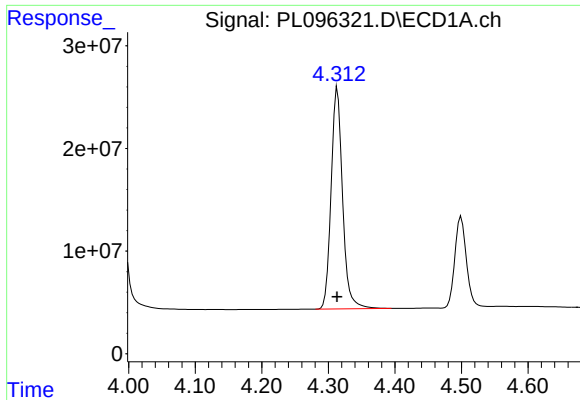
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: 0.001 min
Response: 270303528
Conc: 52.56 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 385040414
Conc: 45.65 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 258898890
Conc: 51.99 ng/ml

Instrument :

ECD_L

ClientSampleId :

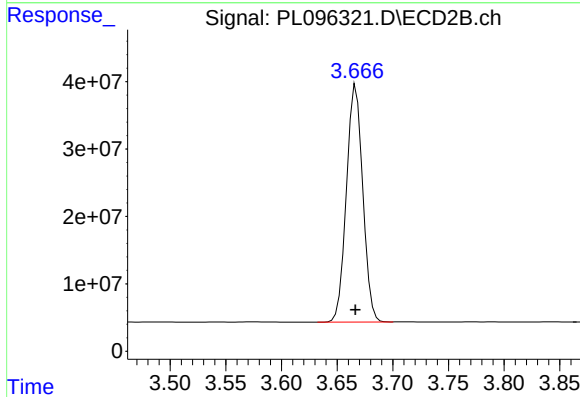
PB168789BS

Manual Integrations

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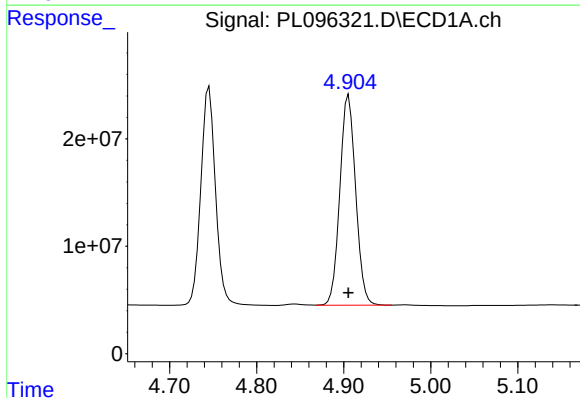
Reviewed By :Abdul Mirza 07/11/2025

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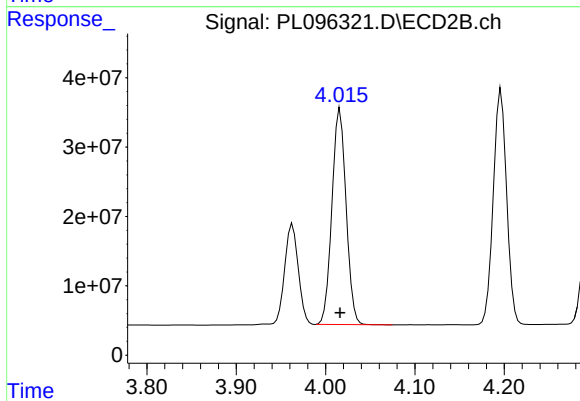
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 359780729
Conc: 45.68 ng/ml



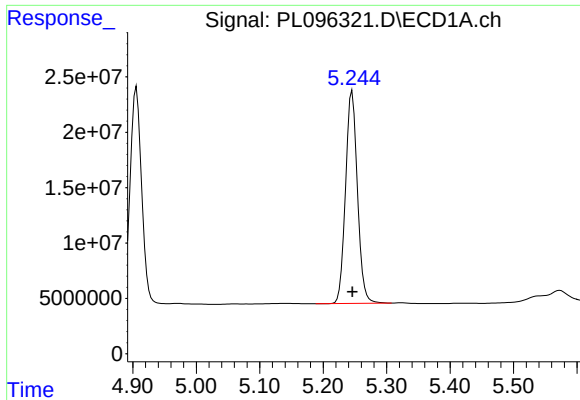
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 246779828
Conc: 53.87 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 342000193
Conc: 44.95 ng/ml



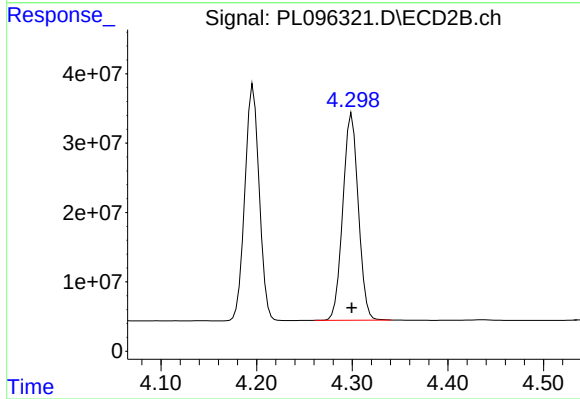
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 249216253
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

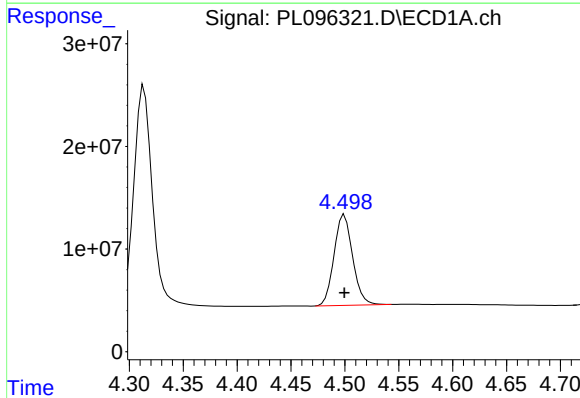
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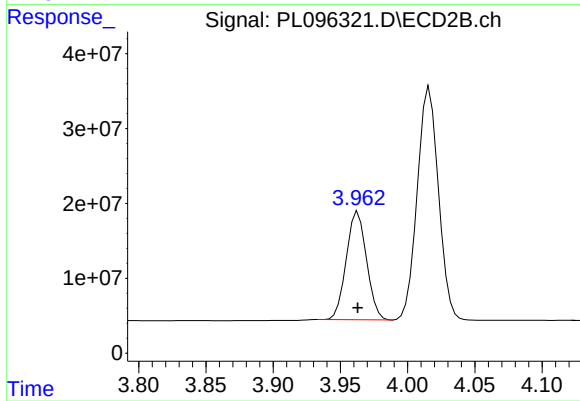
#5 Aldrin

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 336388145
Conc: 46.11 ng/ml



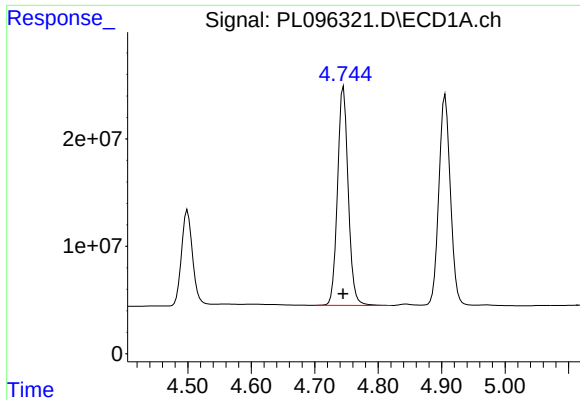
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 106226551
Conc: 51.10 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 151529083
Conc: 44.26 ng/ml



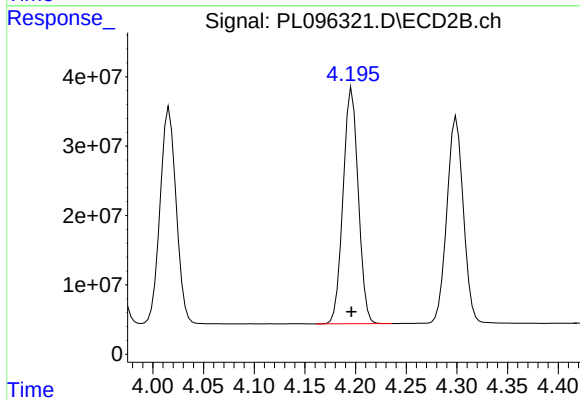
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 238870799
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

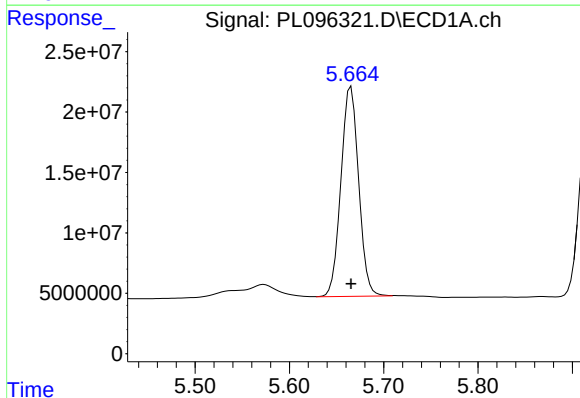
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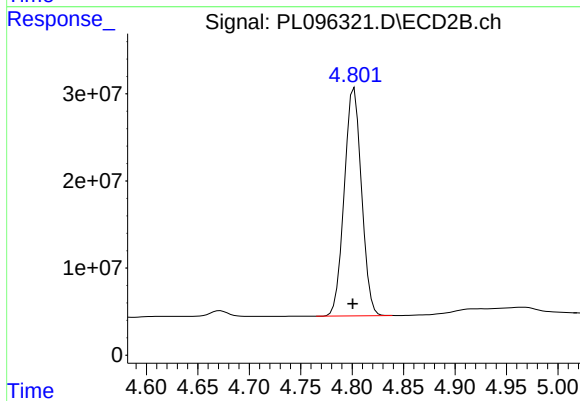
#7 delta-BHC

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 353203482
Conc: 45.86 ng/ml



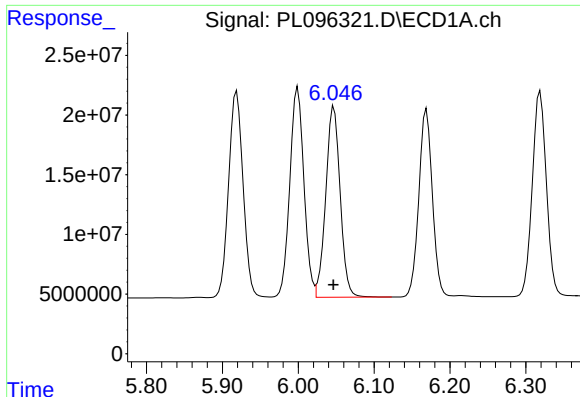
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 227151850
Conc: 54.75 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.002 min
Response: 305744718
Conc: 45.74 ng/ml



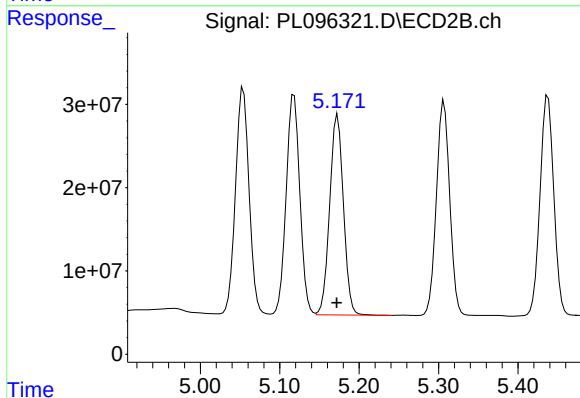
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 211226756
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

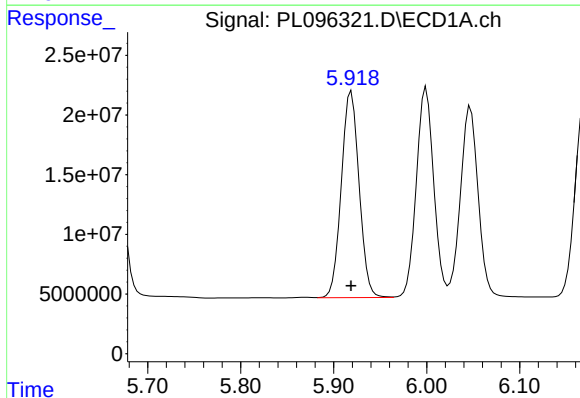
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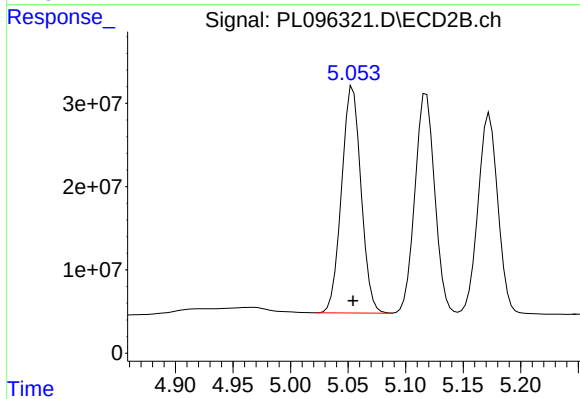
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 287792212
Conc: 40.12 ng/ml



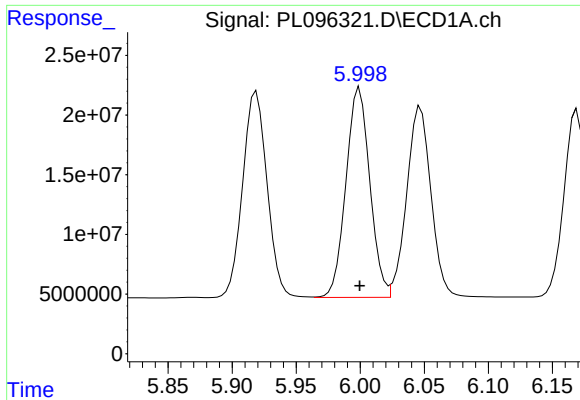
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 229704480
Conc: 51.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 321655050
Conc: 45.82 ng/ml



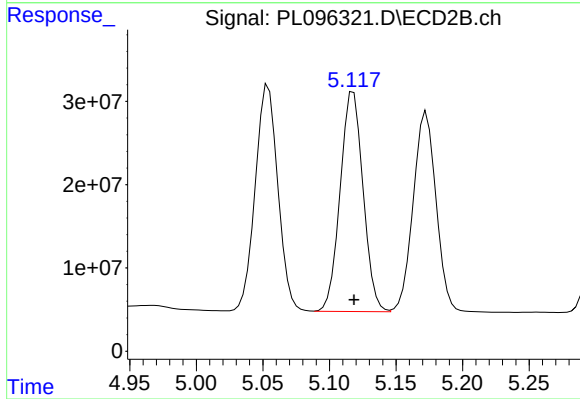
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 228075829
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

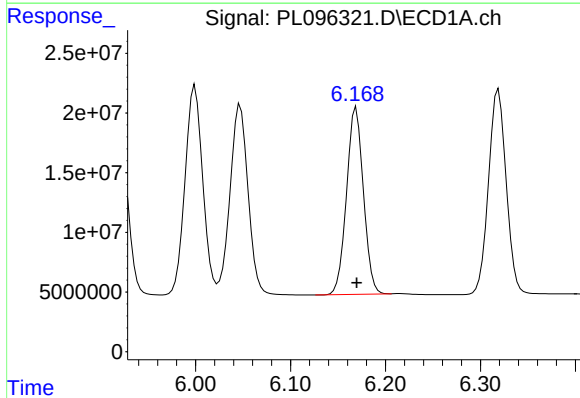
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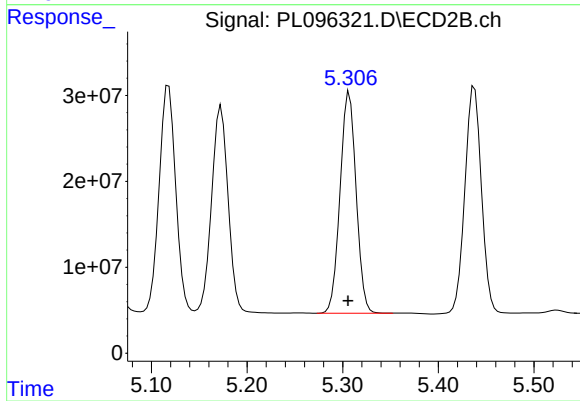
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 316435034
Conc: 42.08 ng/ml



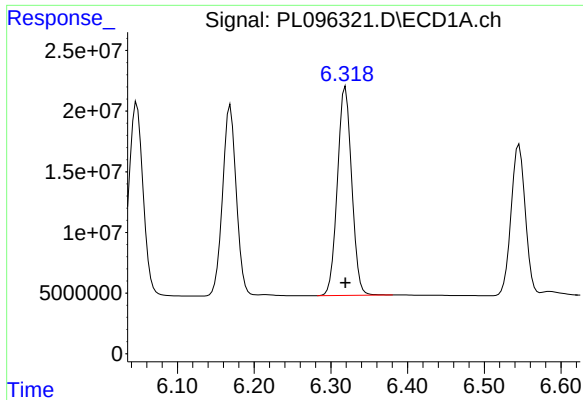
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 193232429
Conc: 52.12 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.001 min
Response: 301421191
Conc: 46.63 ng/ml



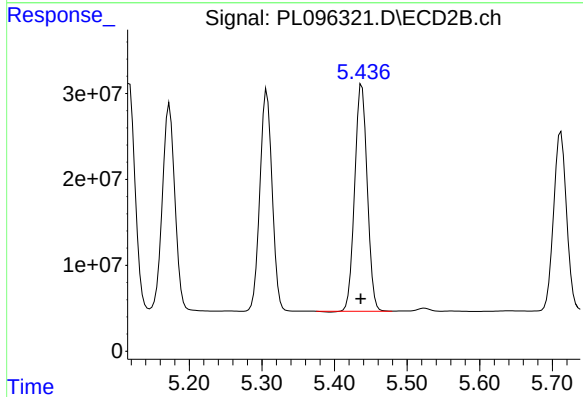
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 222850909
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

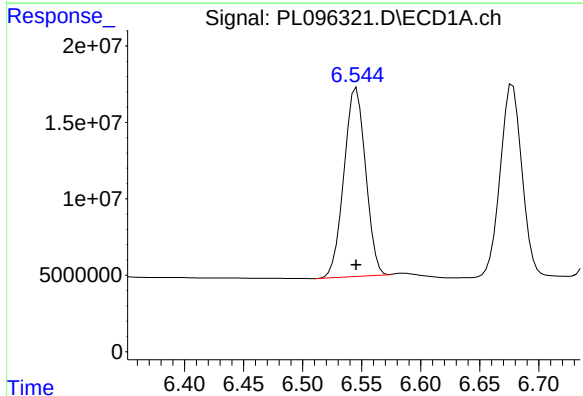
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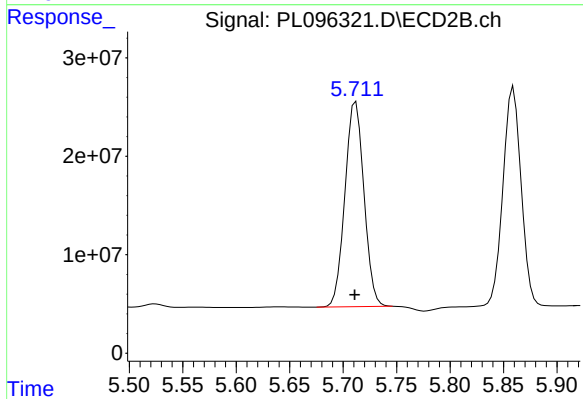
#13 Dieldrin

R.T.: 5.438 min
Delta R.T.: 0.002 min
Response: 316287159
Conc: 46.38 ng/ml



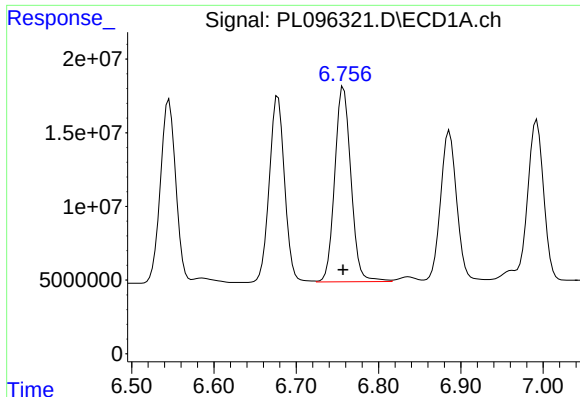
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 157060174
Conc: 50.50 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 258142322
Conc: 42.34 ng/ml



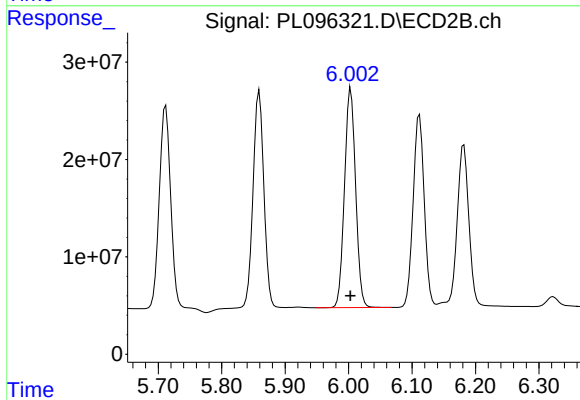
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 181528929
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

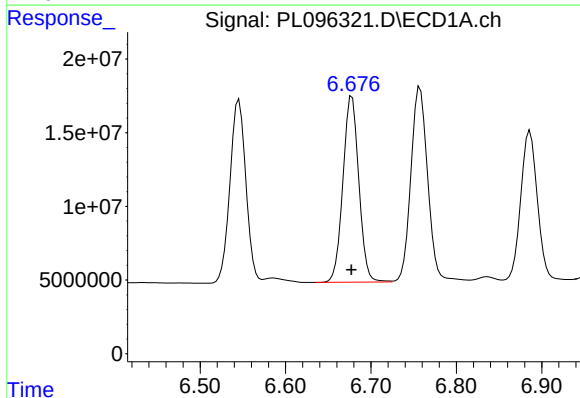
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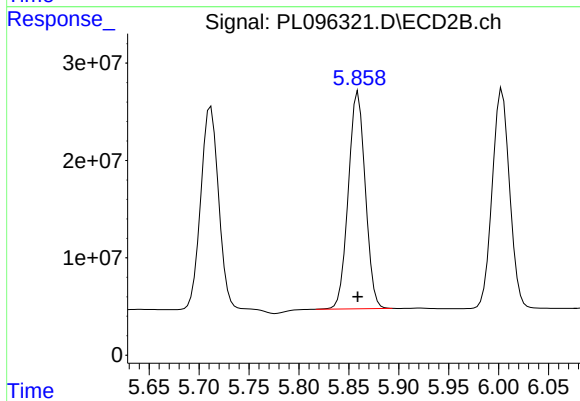
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 273632592
Conc: 46.66 ng/ml



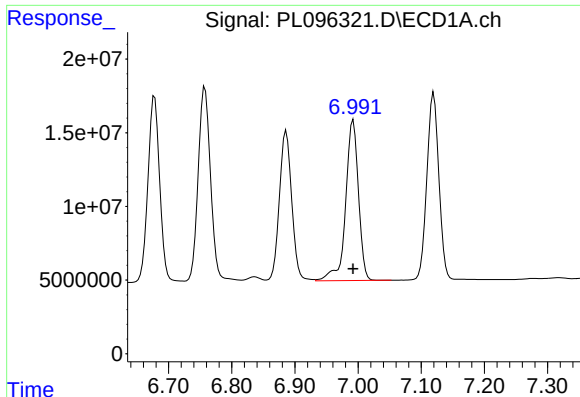
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 163575050
Conc: 56.18 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 263692106
Conc: 51.42 ng/ml



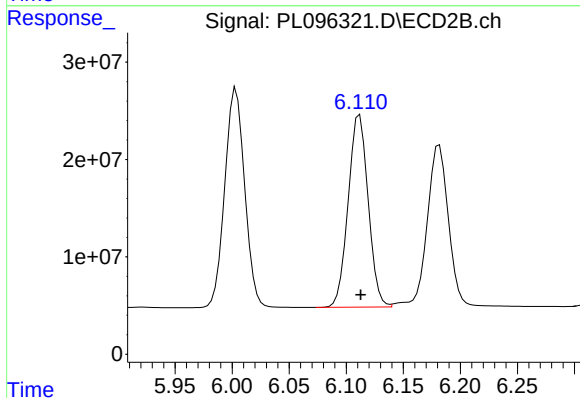
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 154015928
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

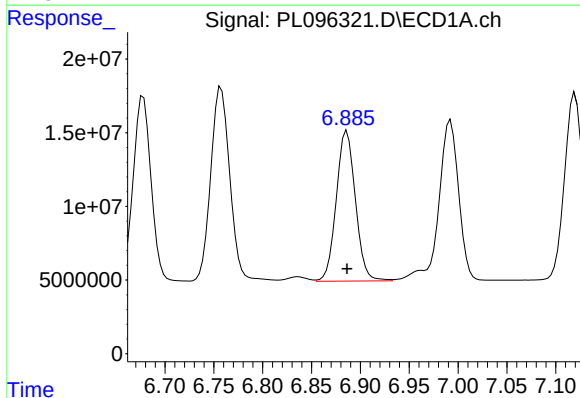
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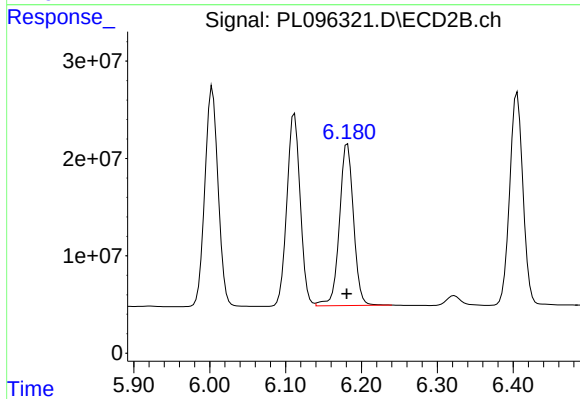
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 240789266
Conc: 41.98 ng/ml



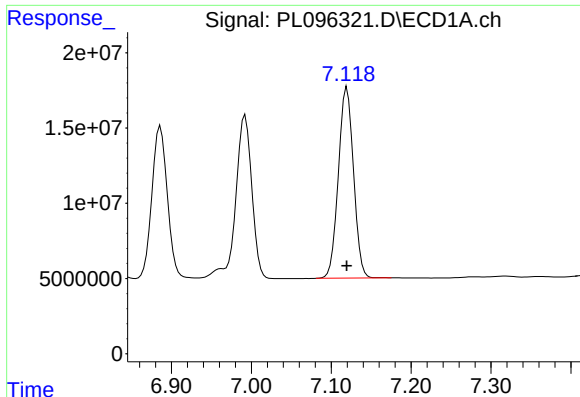
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 139261718
Conc: 62.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 214562301
Conc: 48.17 ng/ml



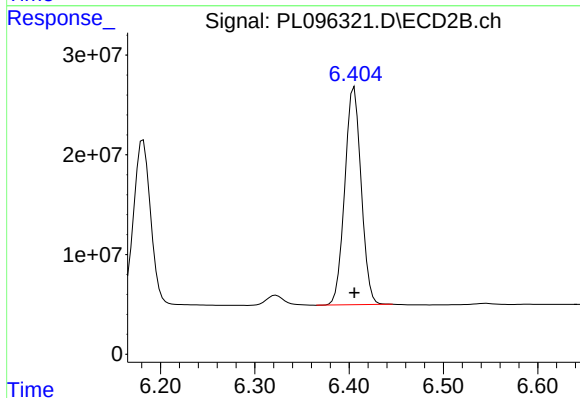
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 166920795
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

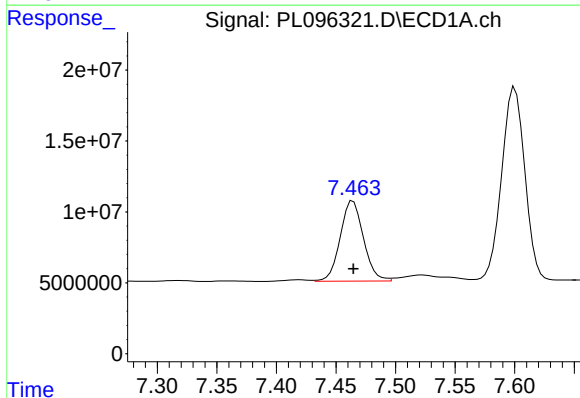
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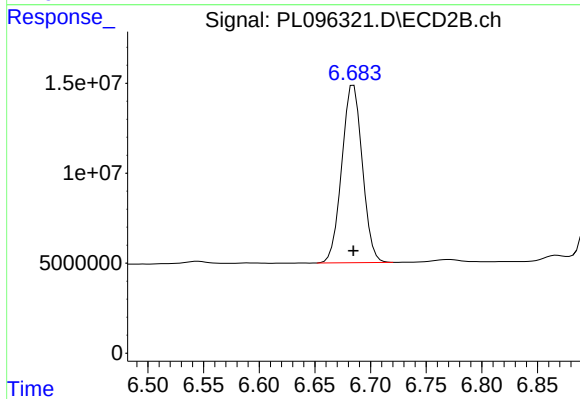
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 263792036
Conc: 46.90 ng/ml



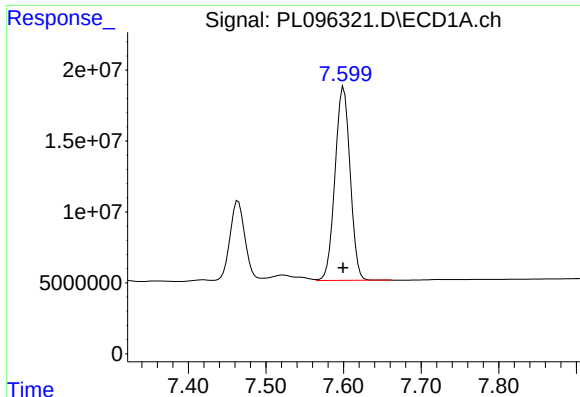
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 76753904
Conc: 48.72 ng/ml



#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 126622616
Conc: 41.68 ng/ml



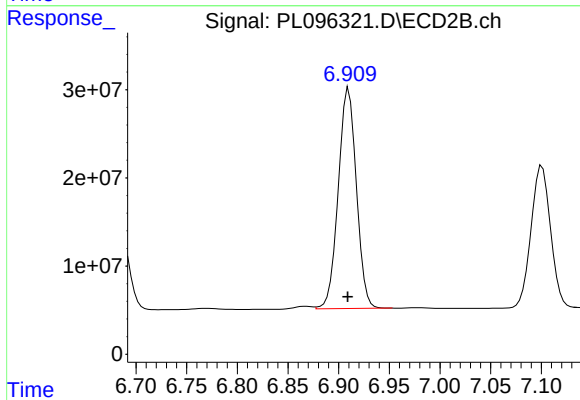
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 185020577
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

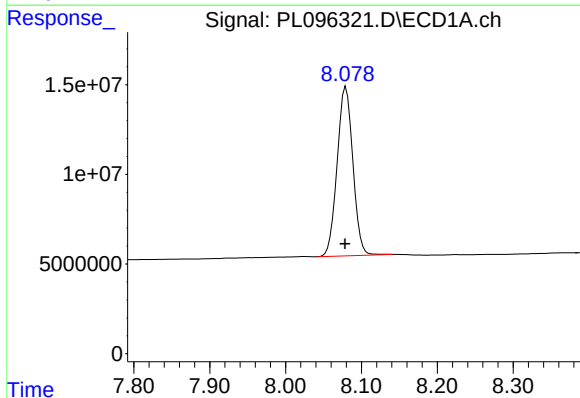
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Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



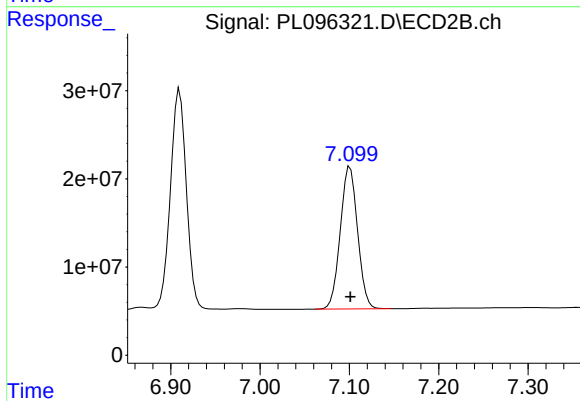
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.001 min
Response: 311128527
Conc: 49.76 ng/ml



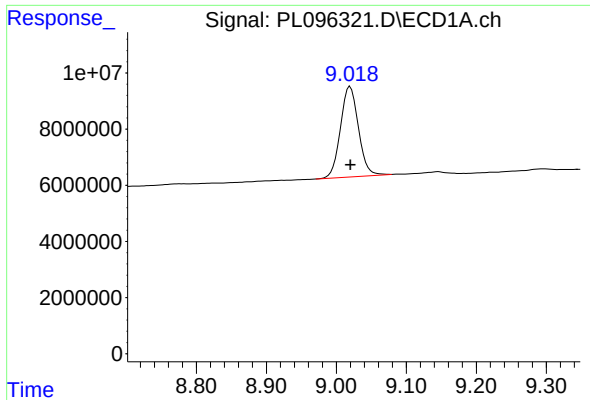
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 135907550
Conc: 48.85 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 216521411
Conc: 43.58 ng/ml



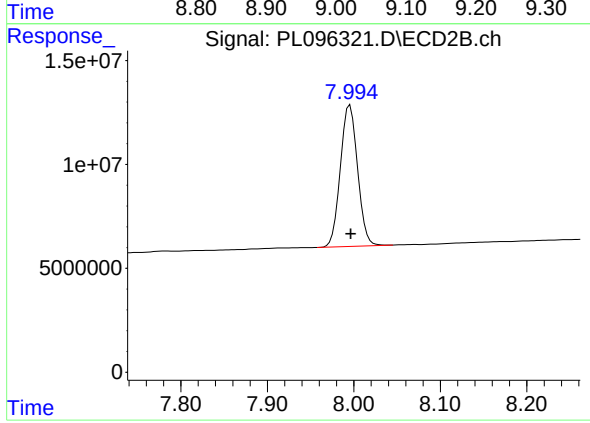
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 57454916
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 93669679
Conc: 18.78 ng/ml