

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
 Data File : PL096352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 14:33
 Operator : AR\AJ
 Sample : PB168827BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168827BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 02:19:29 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...	3.536	2.825	60304488	89861434	16.526	15.571
28)	SA Decachlor...	9.022	7.995	51199668	85852134	18.201	17.217
Target Compounds							
2)	A alpha-BHC	3.984	3.332	278.8E6	407.0E6	54.205	48.253
3)	MA gamma-BHC...	4.312	3.664	263.8E6	376.0E6	52.979	47.743
4)	MA Heptachlor	4.906	4.014	240.3E6	355.2E6	52.449	46.686
5)	MB Aldrin	5.246	4.297	259.7E6	353.4E6	53.734	48.436
6)	B beta-BHC	4.499	3.960	108.1E6	158.1E6	52.023	46.185
7)	B delta-BHC	4.745	4.194	244.3E6	367.5E6	54.509	47.712
8)	B Heptachlo...	5.664	4.800	229.0E6	316.9E6	55.202m	47.401
9)	A Endosulfan I	6.047	5.171	213.7E6	303.2E6	52.933	42.269
10)	B gamma-Chl...	5.920	5.052	232.4E6	341.6E6	52.518	48.659
11)	B alpha-Chl...	6.000	5.116	229.3E6	334.6E6	52.364	44.489
12)	B 4,4'-DDE	6.170	5.305	193.1E6	316.4E6	52.077	48.958
13)	MA Dieldrin	6.320	5.436	226.4E6	330.6E6	53.538	48.480
14)	MA Endrin	6.546	5.710	160.2E6	264.6E6	51.520	43.401
15)	B Endosulfa...	6.759	6.002	193.9E6	285.6E6	55.874	48.709
16)	A 4,4'-DDD	6.679	5.858	168.3E6	283.4E6	57.804	55.259
17)	MA 4,4'-DDT	6.993	6.111	142.7E6	250.3E6	47.002	43.635
18)	B Endrin al...	6.887	6.180	139.3E6	216.4E6	62.306	48.571
19)	B Endosulfa...	7.121	6.404	166.7E6	273.8E6	54.508	48.680
20)	A Methoxychlor	7.466	6.683	76239063	126.3E6	48.394	41.583
21)	B Endrin ke...	7.601	6.909	187.0E6	321.6E6	56.641	51.444
22)	Mirex	8.081	7.100	131.4E6	215.4E6	47.233	43.355

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071425\
Data File : PL096352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 14:33
Operator : AR\AJ
Sample : PB168827BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

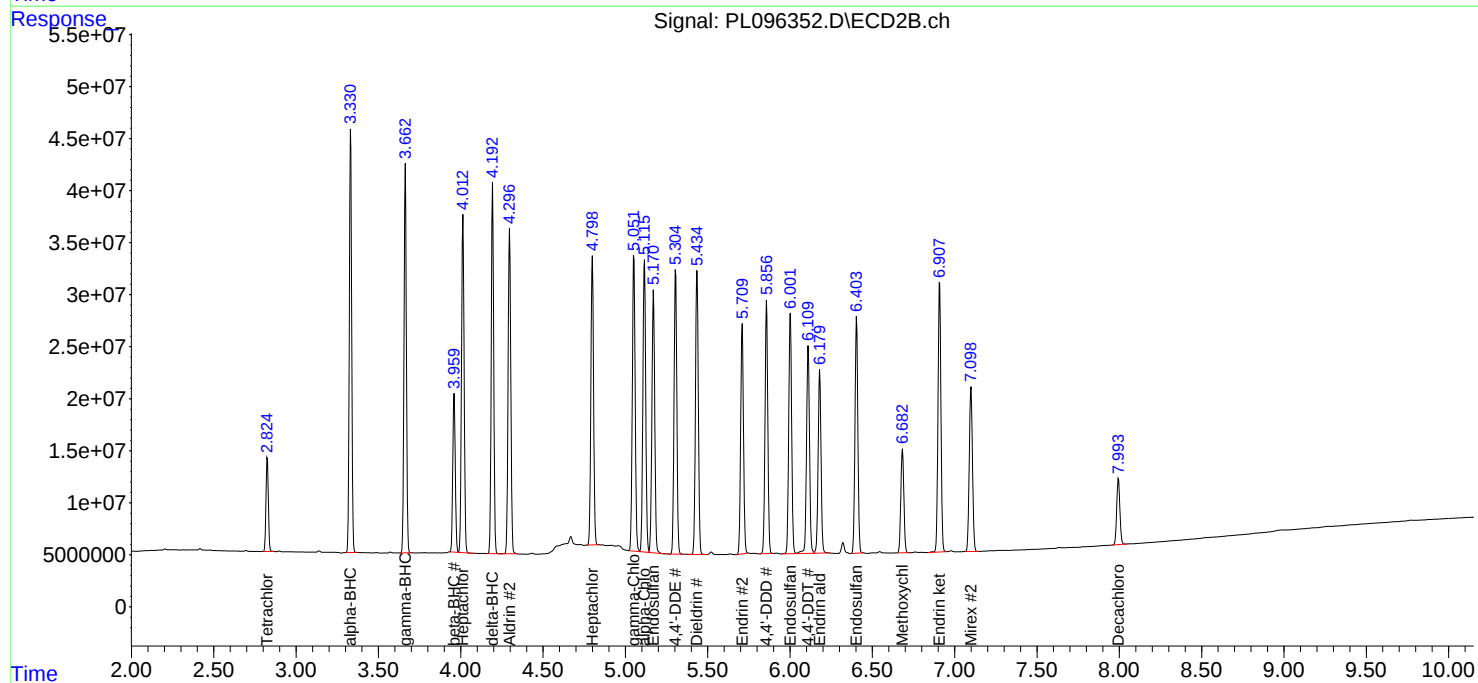
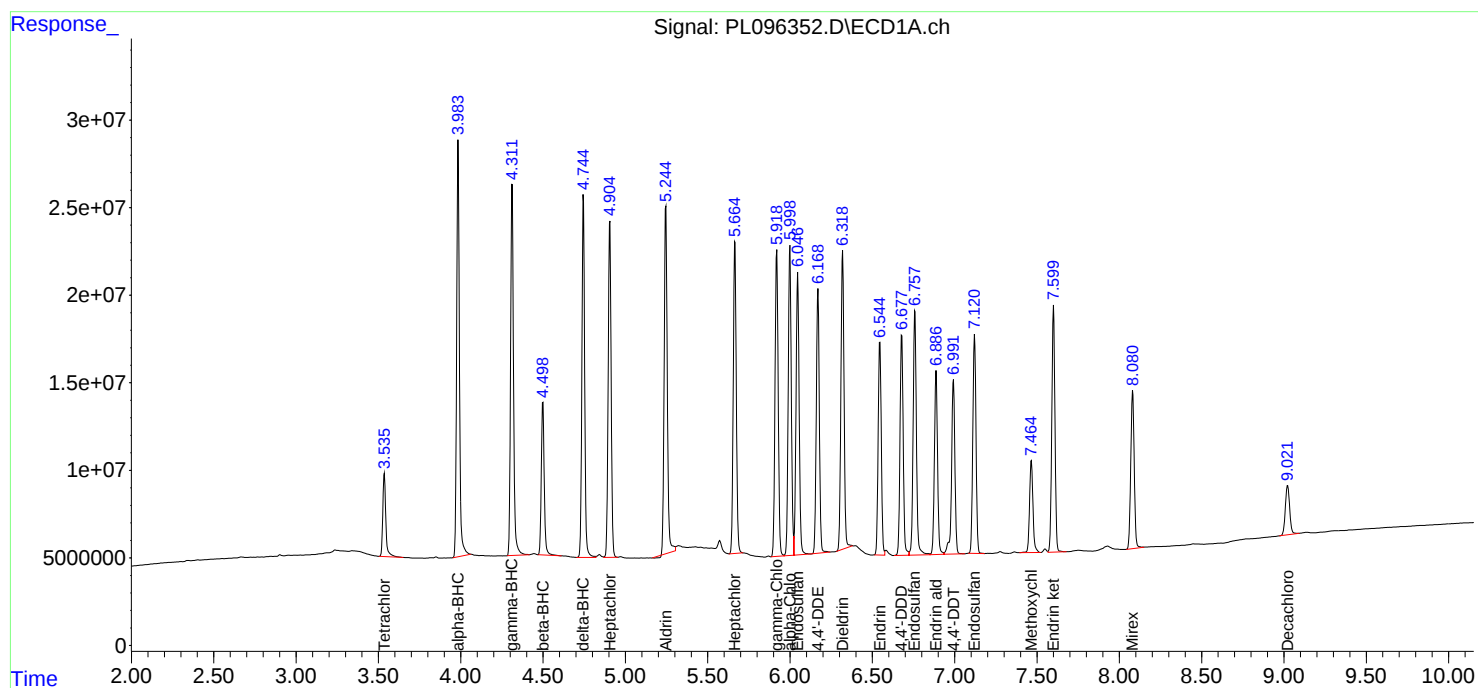
Instrument :
ECD_L
ClientSampleId :
PB168827BS

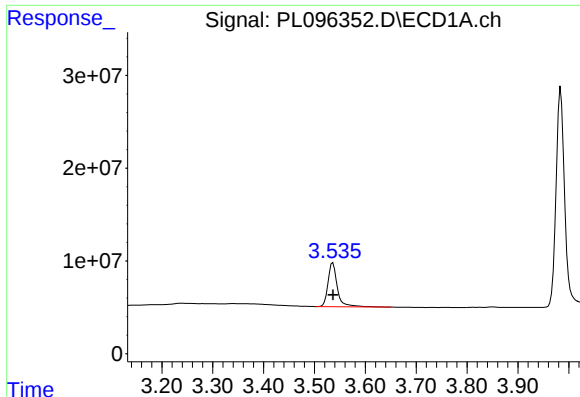
Manual Integrations
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Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 02:19:29 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





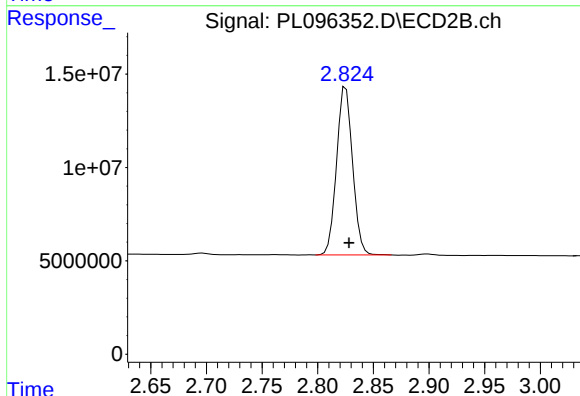
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 60304488
Conc: 16.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

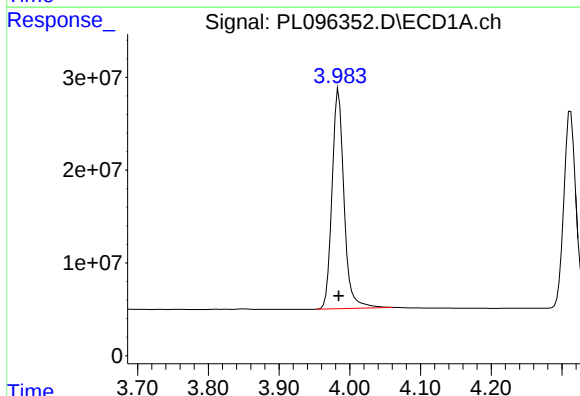
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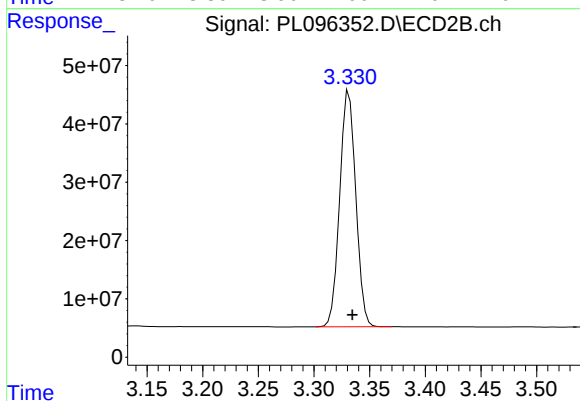
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 89861434
Conc: 15.57 ng/ml



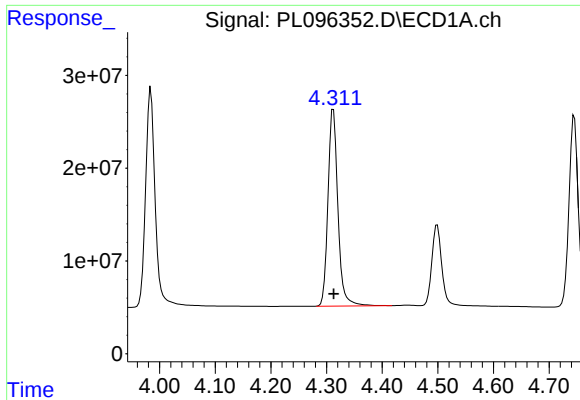
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 278783667
Conc: 54.20 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 406986301
Conc: 48.25 ng/ml



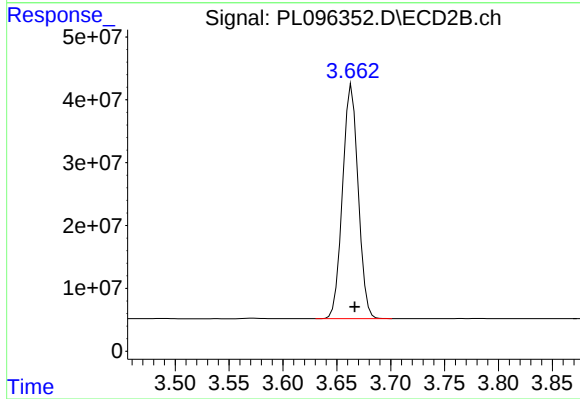
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 263817988
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

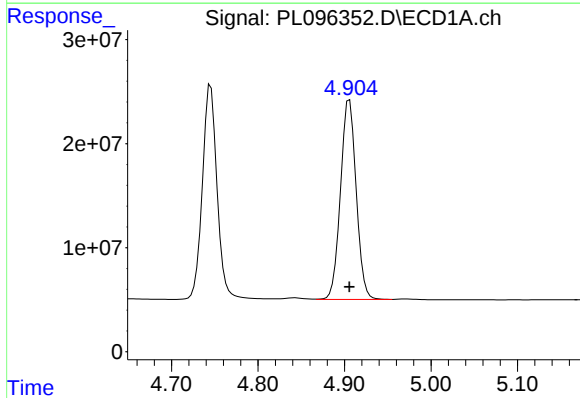
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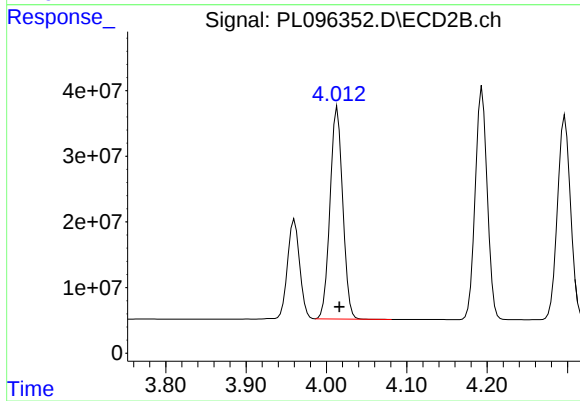
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.003 min
Response: 376019249
Conc: 47.74 ng/ml



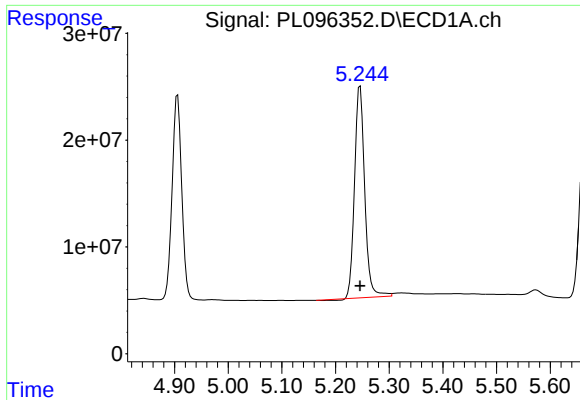
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 240281251
Conc: 52.45 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 355172694
Conc: 46.69 ng/ml



#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 259732872
Conc: 53.73 ng/ml

Instrument :

ECD_L

ClientSampleId :

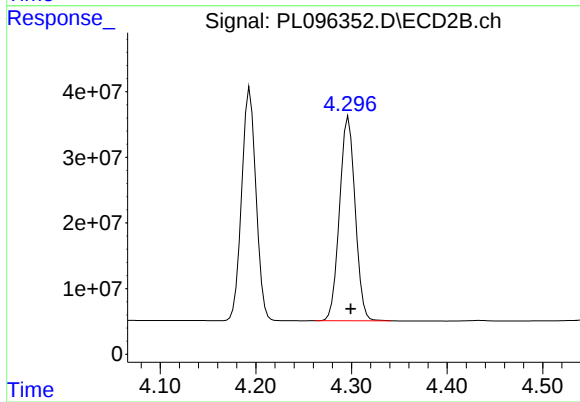
PB168827BS

Manual Integrations

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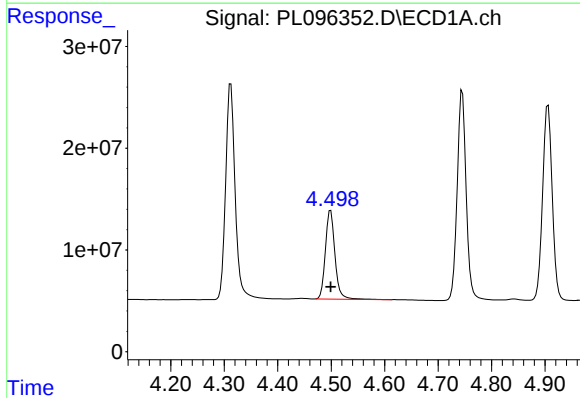
Reviewed By :Yogesh Patel 07/15/2025

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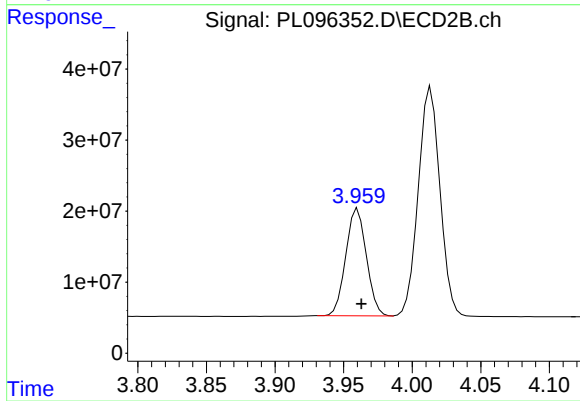
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 353367068
Conc: 48.44 ng/ml



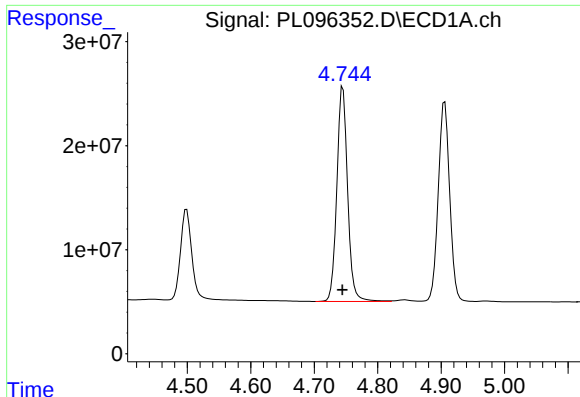
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 108144871
Conc: 52.02 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 158131724
Conc: 46.18 ng/ml



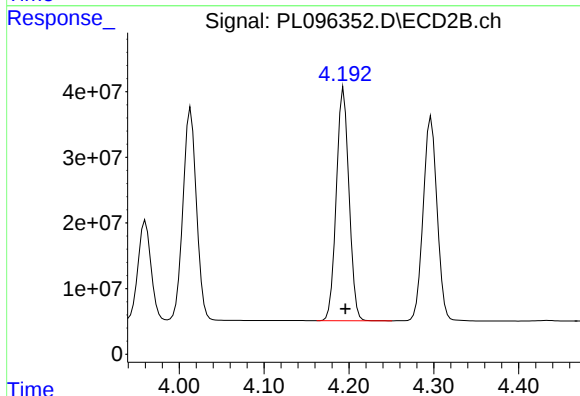
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 244272342
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

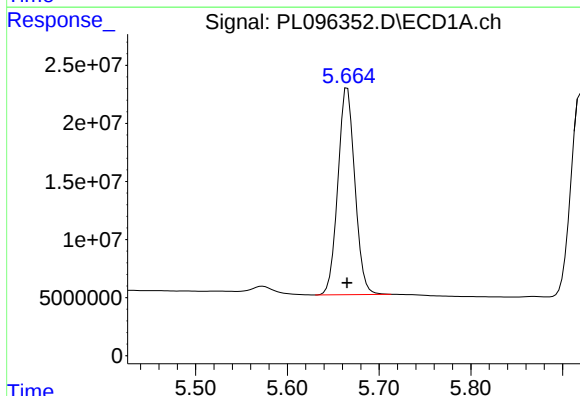
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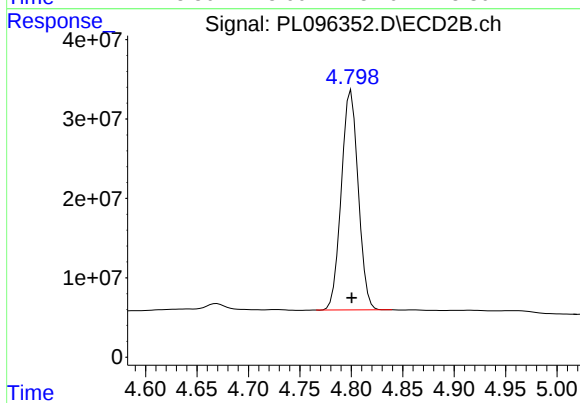
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 367475125
Conc: 47.71 ng/ml



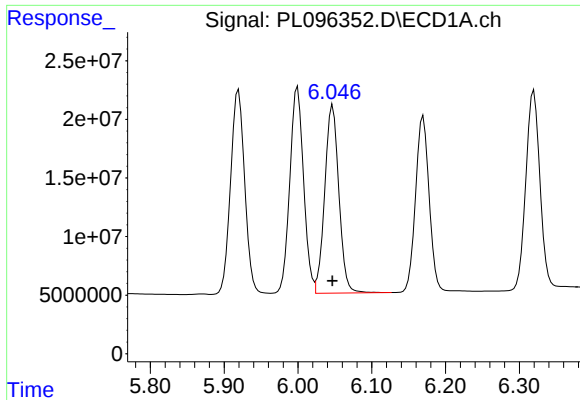
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 229042070
Conc: 55.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 316869826
Conc: 47.40 ng/ml



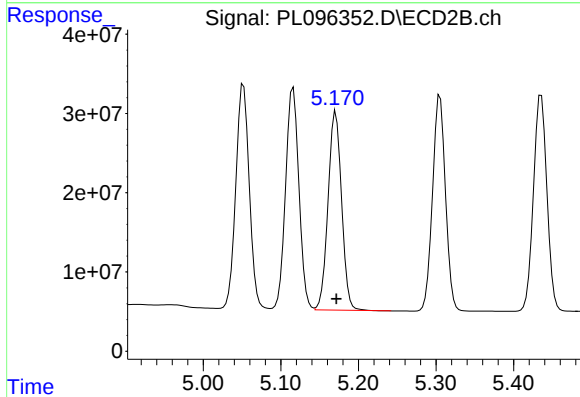
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 213703806
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

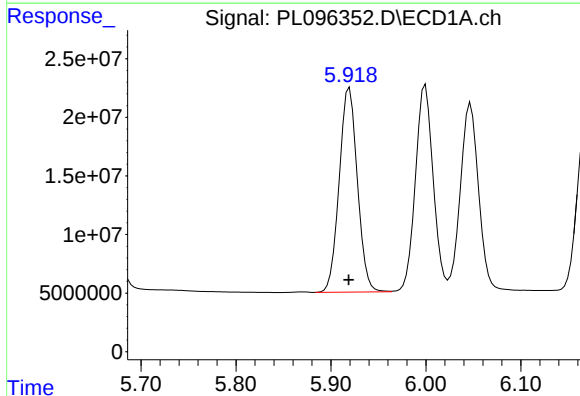
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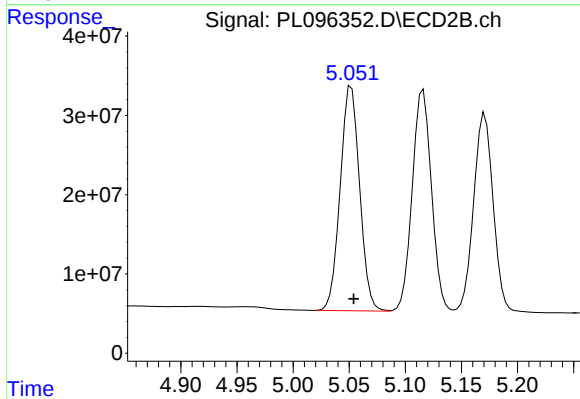
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 303245053
Conc: 42.27 ng/ml



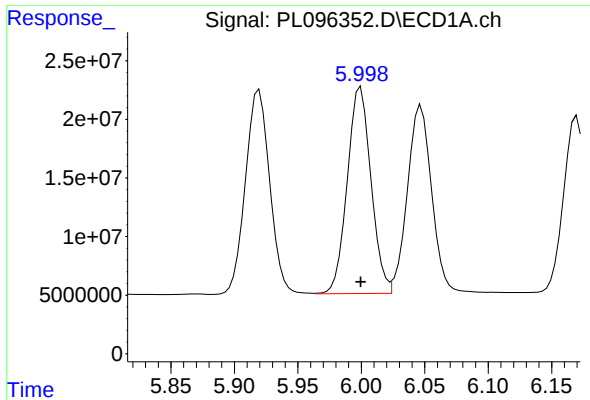
#10 gamma-Chlordane

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 232381271
Conc: 52.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 341568382
Conc: 48.66 ng/ml



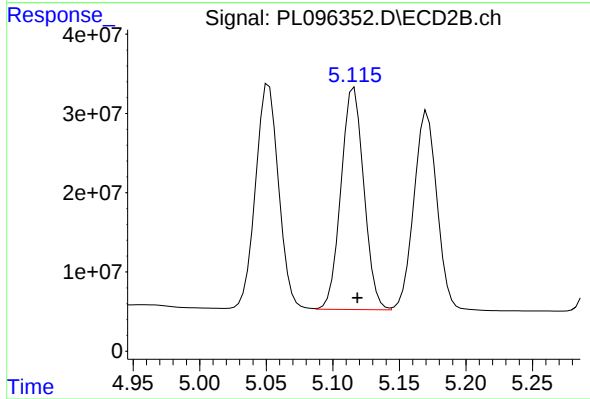
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 229296310
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

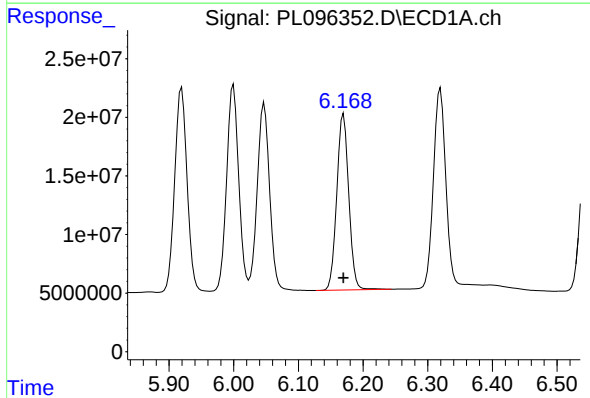
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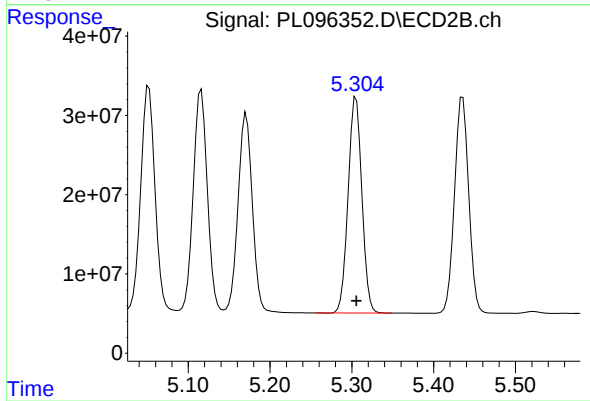
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 334569957
Conc: 44.49 ng/ml



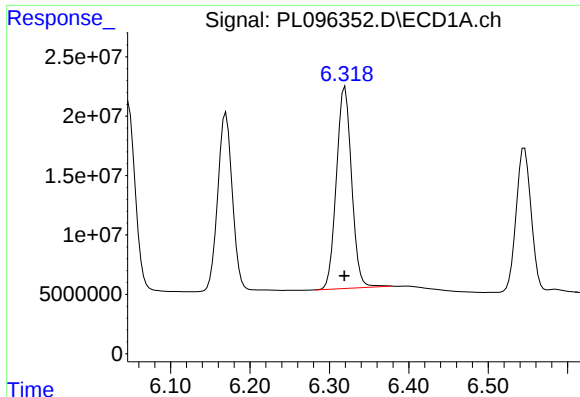
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 193075405
Conc: 52.08 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 316448798
Conc: 48.96 ng/ml



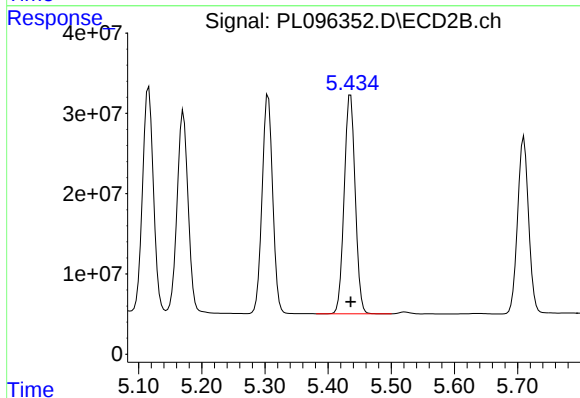
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 226381128
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

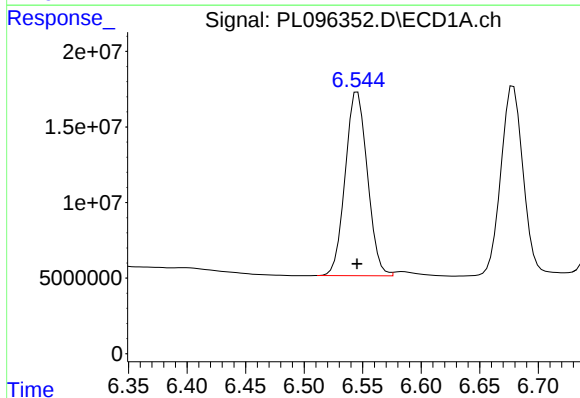
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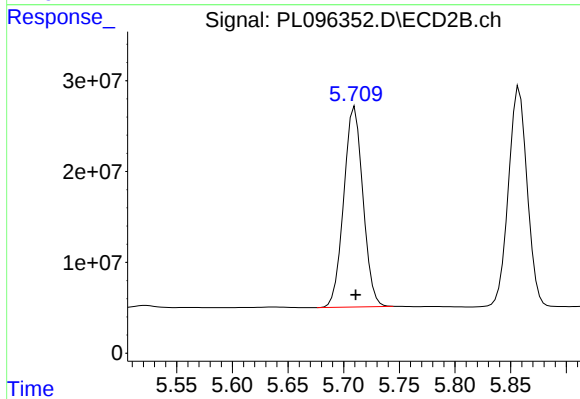
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 330596173
Conc: 48.48 ng/ml



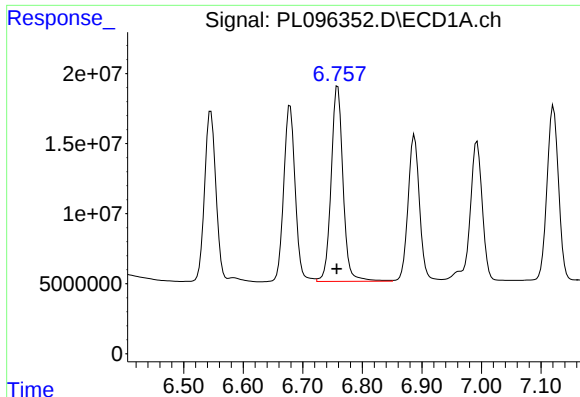
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 160238540
Conc: 51.52 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 264592405
Conc: 43.40 ng/ml



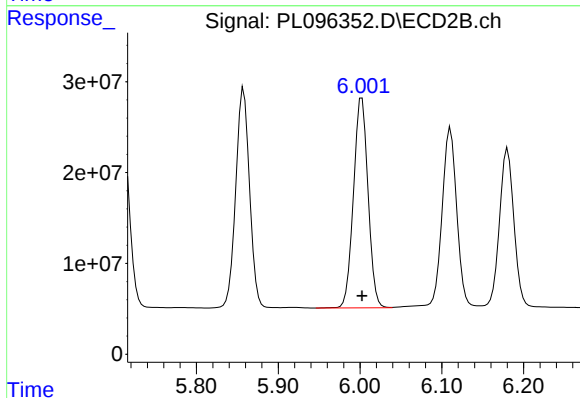
#15 Endosulfan II

R.T.: 6.759 min
Delta R.T.: 0.002 min
Response: 193887303
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

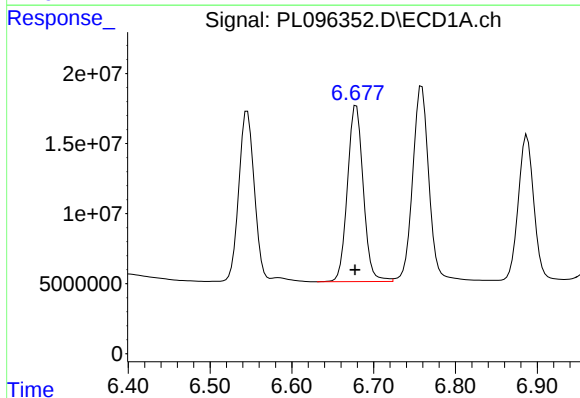
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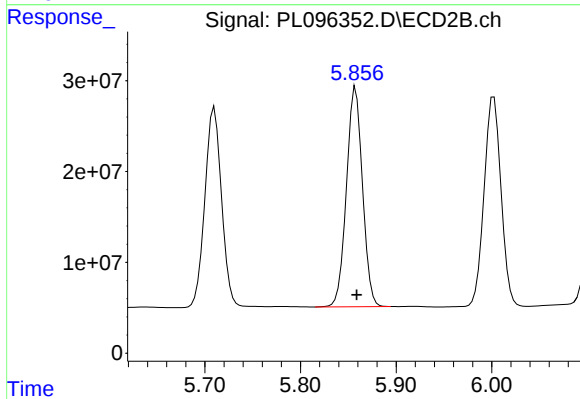
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 285624234
Conc: 48.71 ng/ml



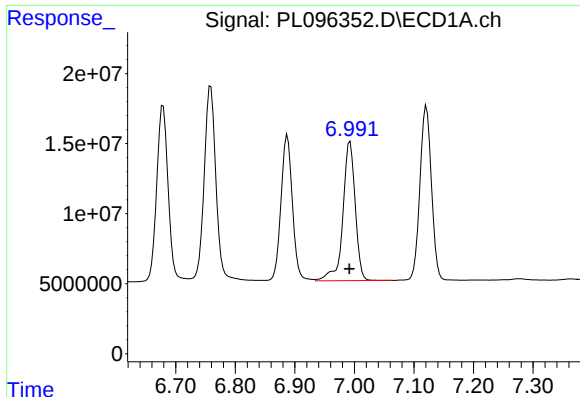
#16 4,4'-DDD

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 168307496
Conc: 57.80 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 283405067
Conc: 55.26 ng/ml



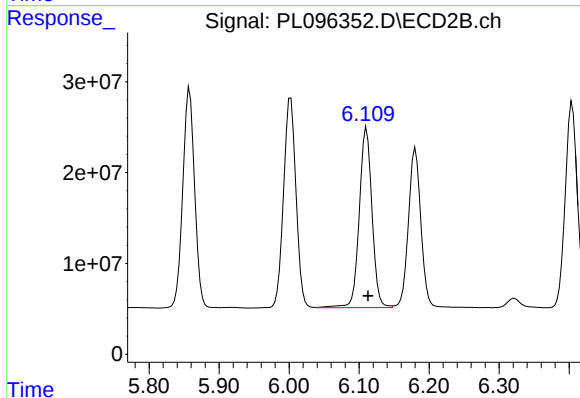
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 142659825
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

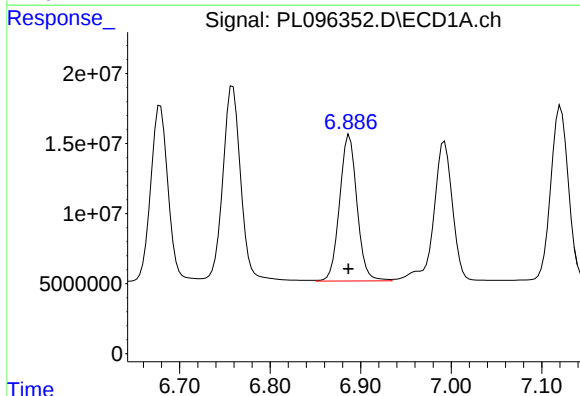
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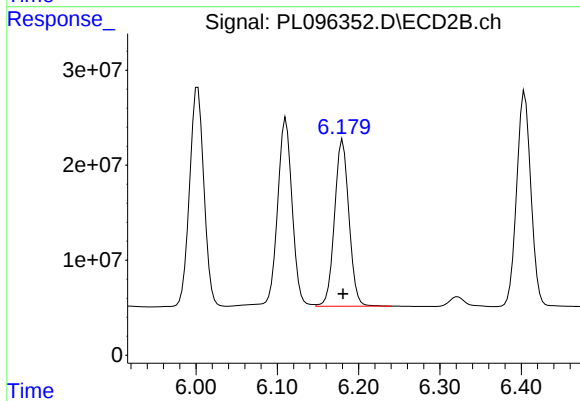
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 250253973
Conc: 43.64 ng/ml



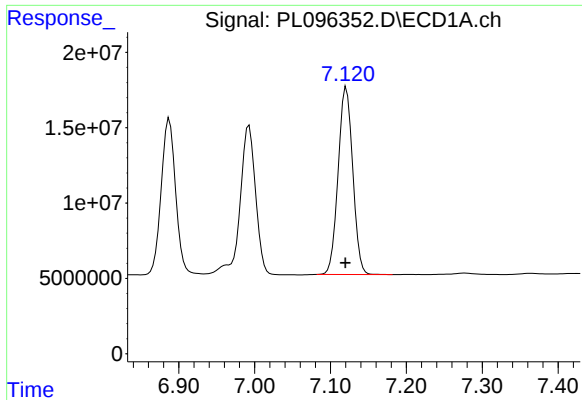
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.001 min
Response: 139287664
Conc: 62.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 216363084
Conc: 48.57 ng/ml



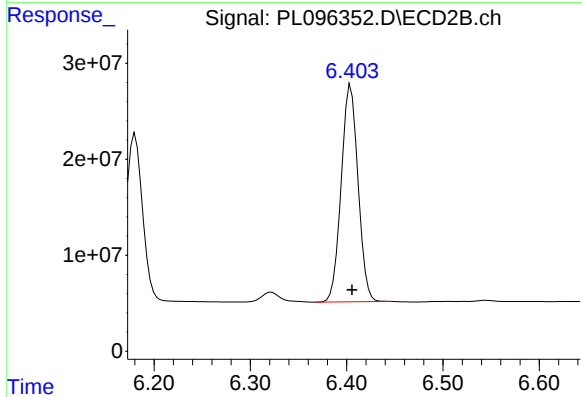
#19 Endosulfan Sulfate

R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 166731505
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

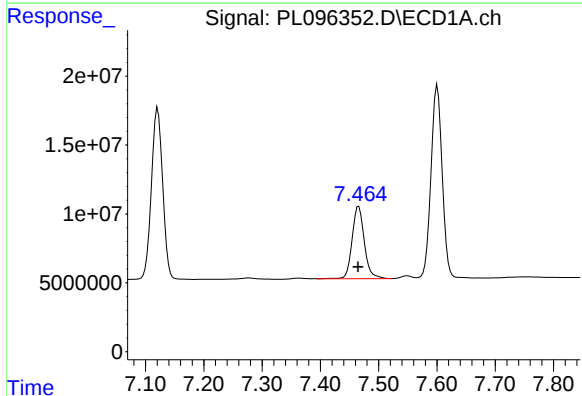
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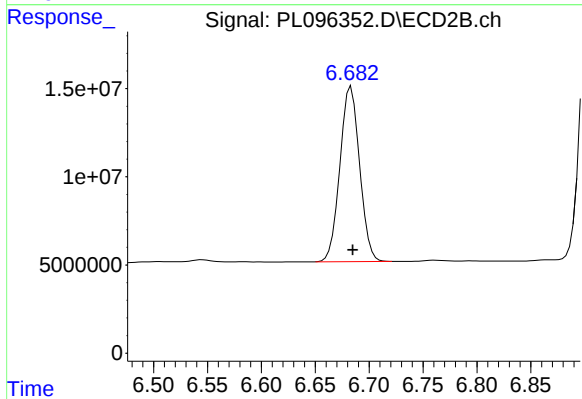
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 273796948
Conc: 48.68 ng/ml



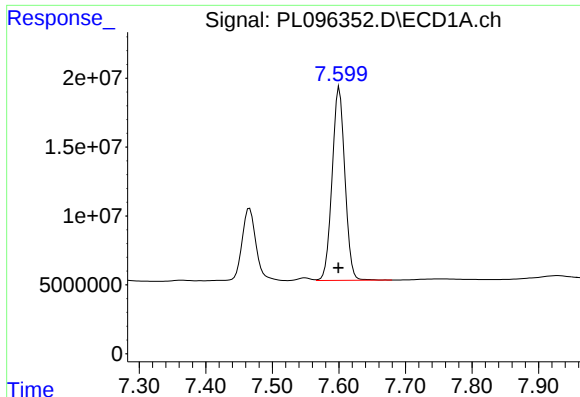
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.001 min
Response: 76239063
Conc: 48.39 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 126319567
Conc: 41.58 ng/ml



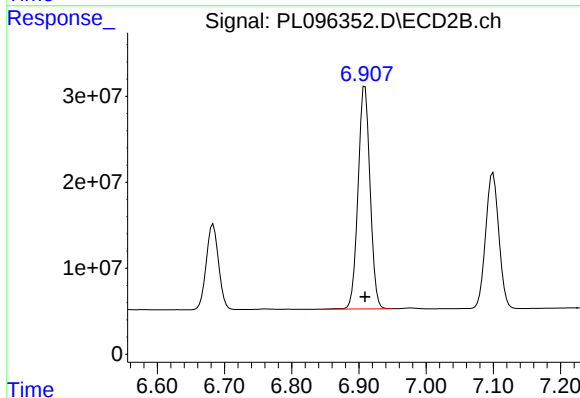
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.001 min
Response: 187008998
Conc: 56.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

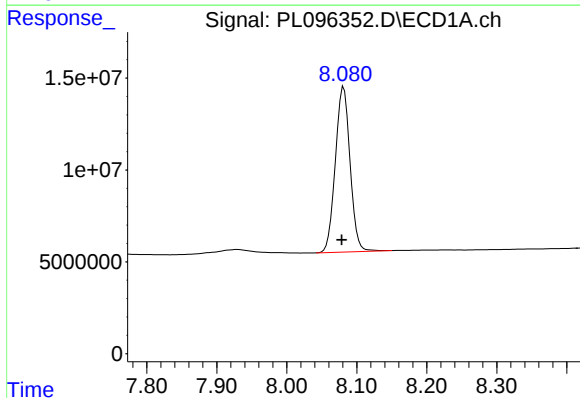
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/17/2025



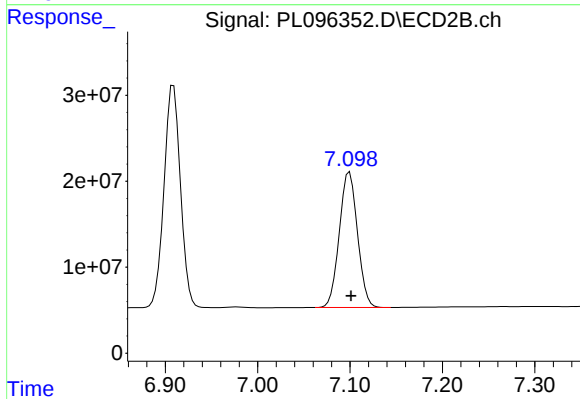
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 321639432
Conc: 51.44 ng/ml



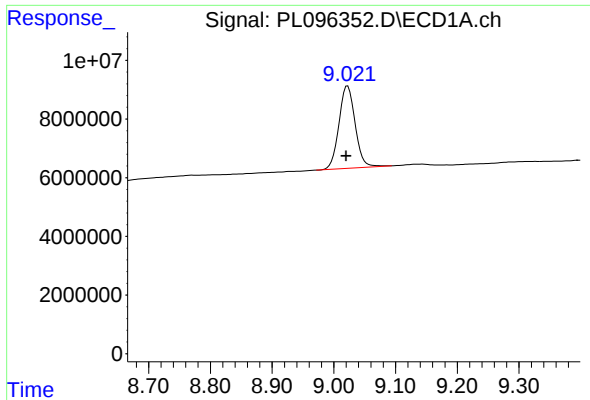
#22 Mirex

R.T.: 8.081 min
Delta R.T.: 0.003 min
Response: 131413131
Conc: 47.23 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 215396646
Conc: 43.36 ng/ml



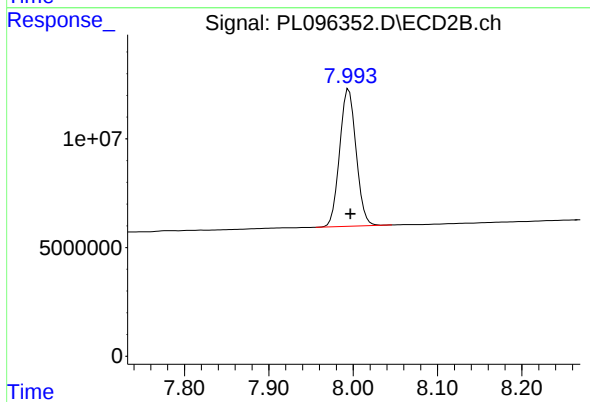
#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.002 min
Response: 51199668
Conc: 18.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168827BS

Manual Integrations
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Supervised By :mohammad ahmed 07/17/2025



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 85852134
Conc: 17.22 ng/ml