

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
 Data File : PL096703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2025 11:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2025
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:52:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.532	2.826	166.1E6	267.9E6	52.205	56.068
28)	SA Decachlor...	9.010	7.988	120.3E6	232.4E6	50.462	53.576
Target Compounds							
2)	A alpha-BHC	3.980	3.331	242.2E6	403.5E6	52.347	57.012
3)	MA gamma-BHC...	4.308	3.663	229.3E6	374.7E6	51.846	56.750
4)	MA Heptachlor	4.900	4.012	222.4E6	375.9E6	53.518	56.425
5)	MB Aldrin	5.239	4.294	222.4E6	350.9E6	51.703	56.528
6)	B beta-BHC	4.494	3.959	91119210	158.7E6	50.482	56.256
7)	B delta-BHC	4.738	4.192	211.5E6	368.1E6	52.998m	56.859
8)	B Heptachlo...	5.659	4.796	205.1E6	319.9E6	53.186	56.010
9)	A Endosulfan I	6.040	5.167	185.0E6	296.8E6	51.450	53.666
10)	B gamma-Chl...	5.912	5.048	201.6E6	332.5E6	52.978	56.546
11)	B alpha-Chl...	5.992	5.112	200.0E6	326.2E6	51.891	55.295
12)	B 4,4'-DDE	6.162	5.301	164.0E6	316.3E6	51.075	57.350
13)	MA Dieldrin	6.312	5.432	192.1E6	338.1E6	51.760	57.235
14)	MA Endrin	6.537	5.706	160.2E6	304.3E6	52.919m	56.288
15)	B Endosulfa...	6.751	5.998	161.2E6	284.9E6	50.336	55.461
16)	A 4,4'-DDD	6.671	5.853	130.0E6	255.5E6	51.419	54.294
17)	MA 4,4'-DDT	6.985	6.106	146.3E6	283.0E6	51.006	55.954
18)	B Endrin al...	6.880	6.176	110.7E6	209.8E6	51.588	56.956
19)	B Endosulfa...	7.113	6.399	144.8E6	282.8E6	50.376	55.607
20)	A Methoxychlor	7.458	6.678	74795270	149.0E6	50.938	54.364
21)	B Endrin ke...	7.593	6.904	151.3E6	290.8E6	50.311	52.216
22)	Mirex	8.072	7.093	125.3E6	234.7E6	50.523	53.815

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
Data File : PL096703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 11:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

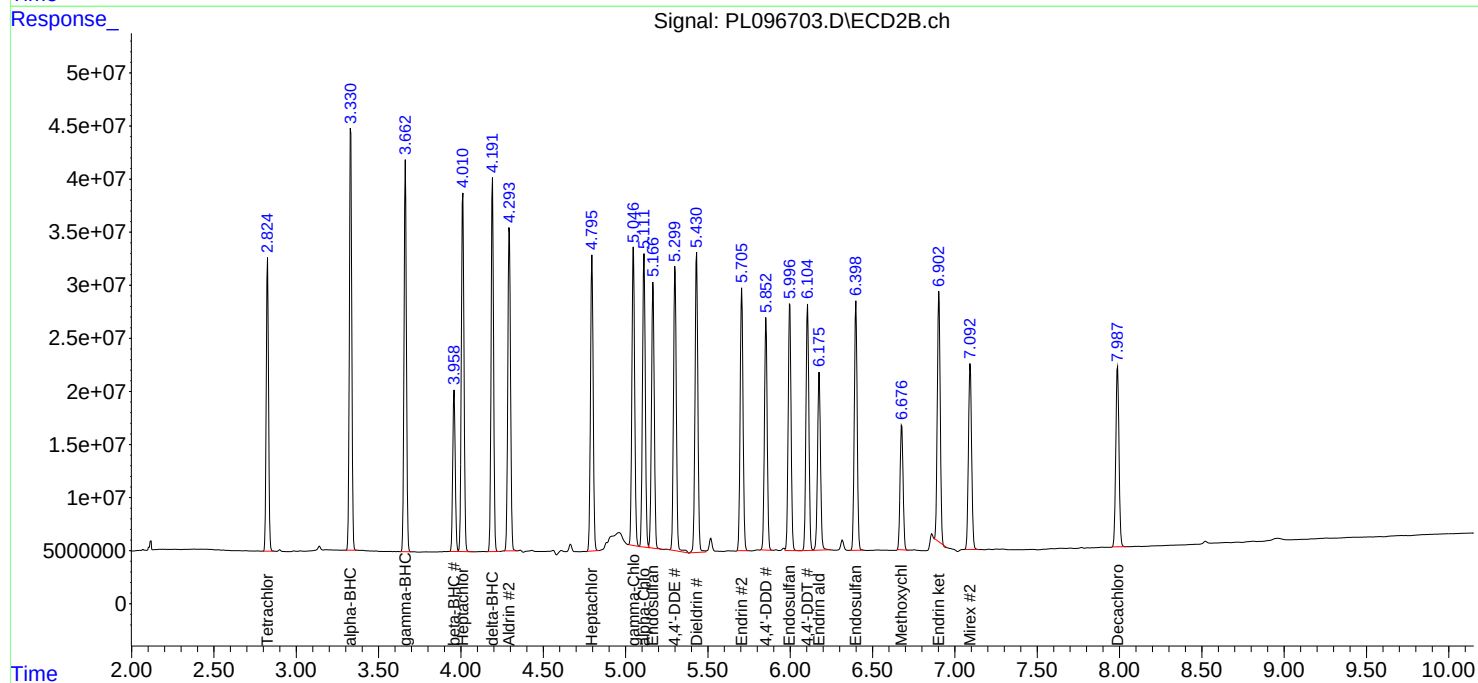
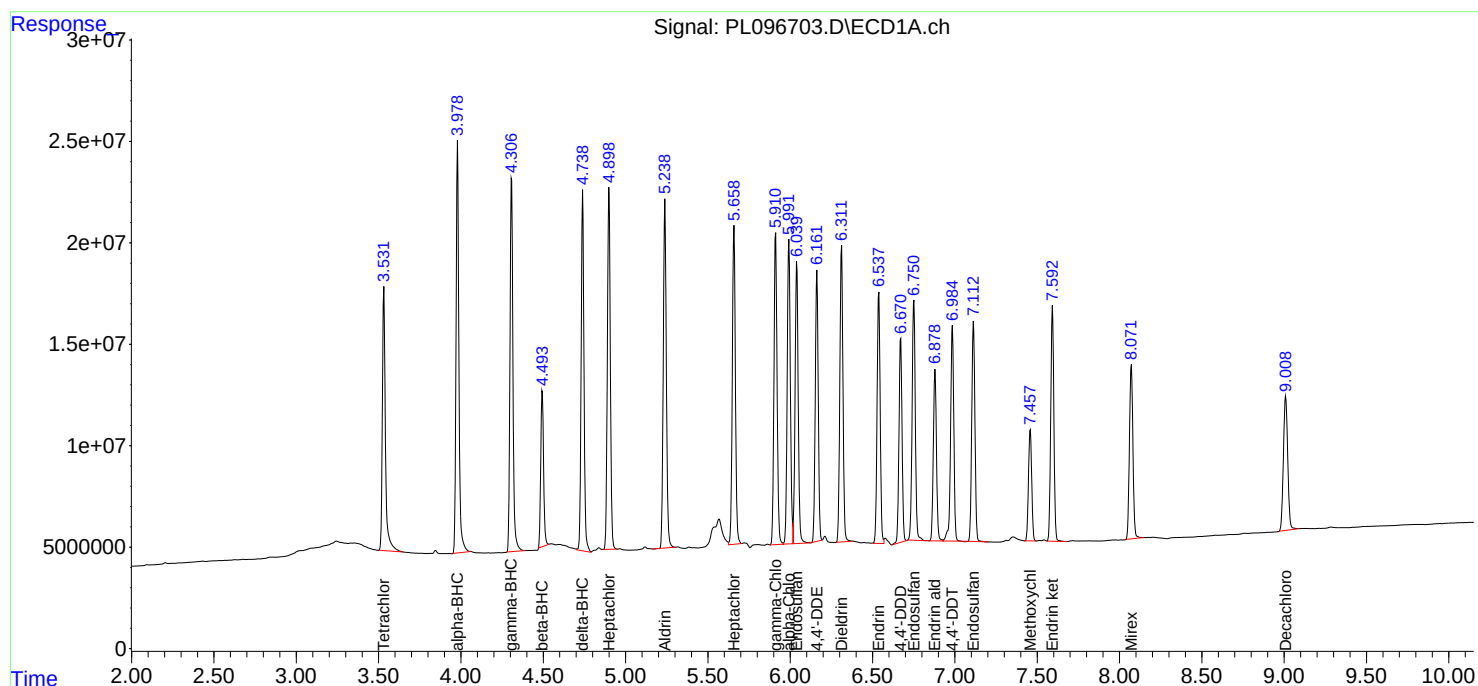
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

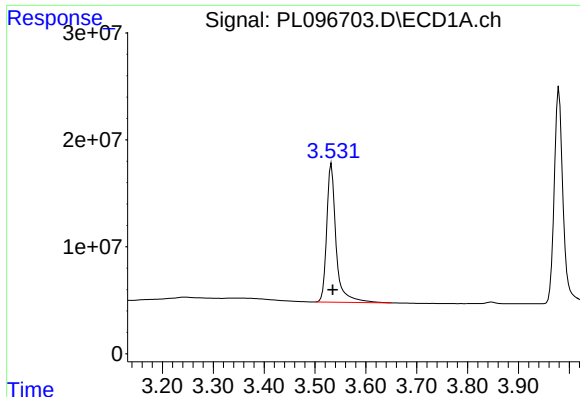
Manual Integrations
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Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





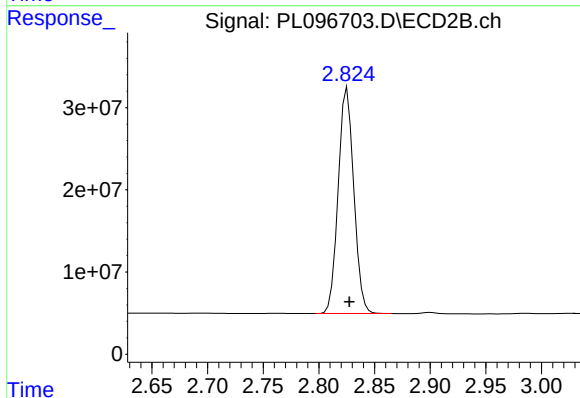
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 166054408
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

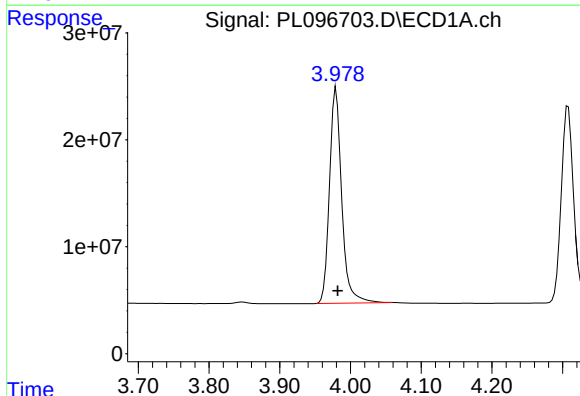
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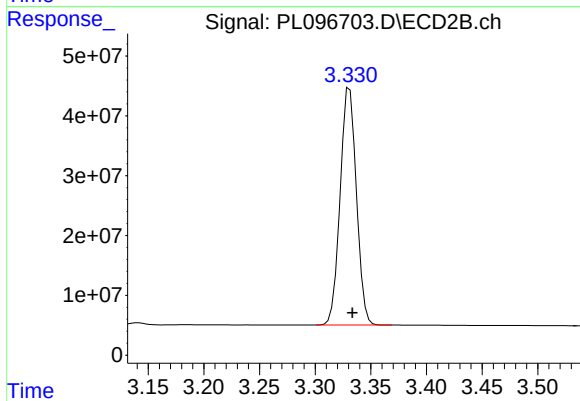
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 267882266
Conc: 56.07 ng/ml



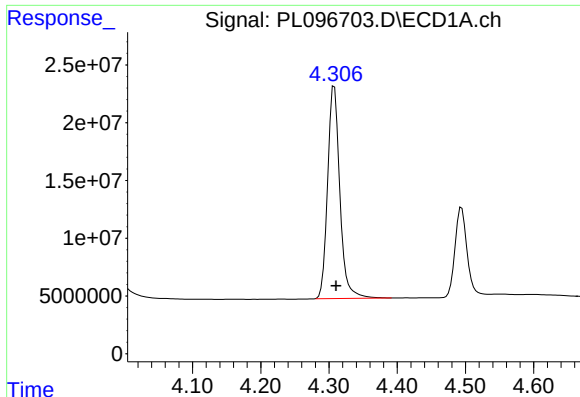
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 242175405
Conc: 52.35 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 403473832
Conc: 57.01 ng/ml



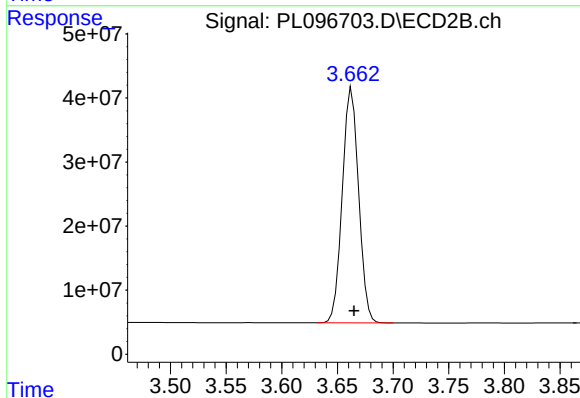
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.003 min
Response: 229336606
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

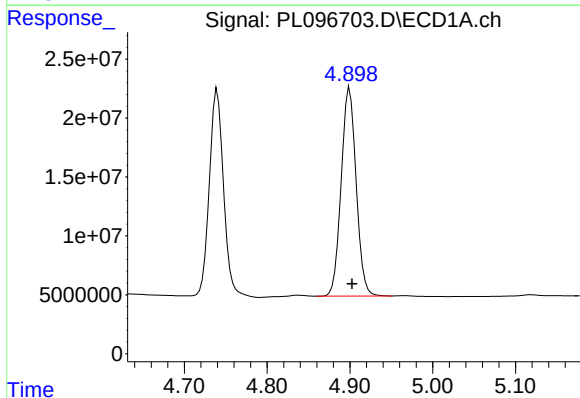
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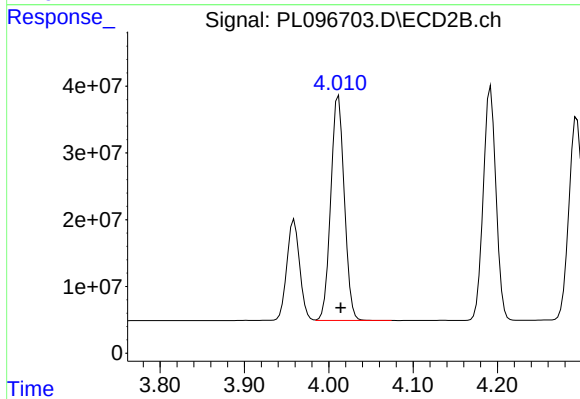
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 374743608
Conc: 56.75 ng/ml



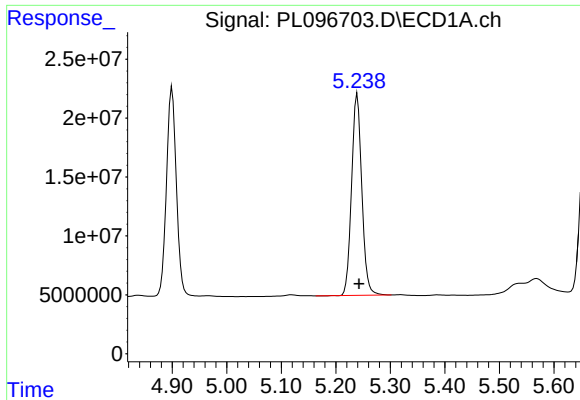
#4 Heptachlor

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 222405275
Conc: 53.52 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 375900210
Conc: 56.42 ng/ml



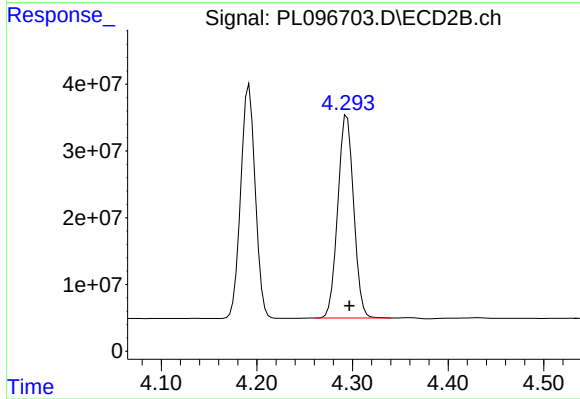
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 222374062
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

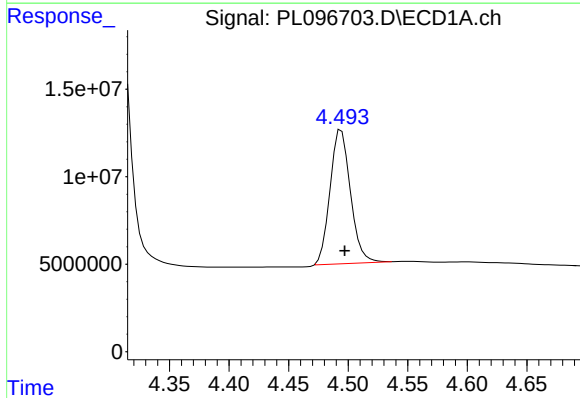
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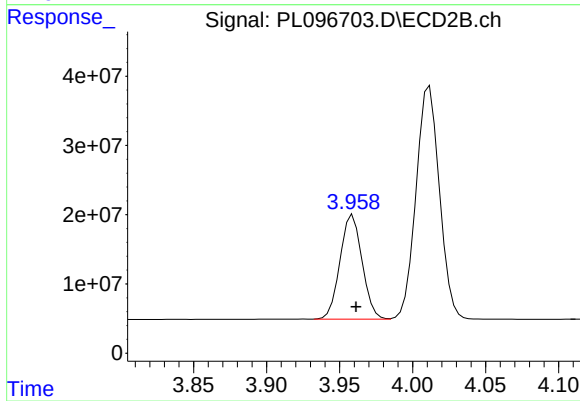
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 350869884
Conc: 56.53 ng/ml



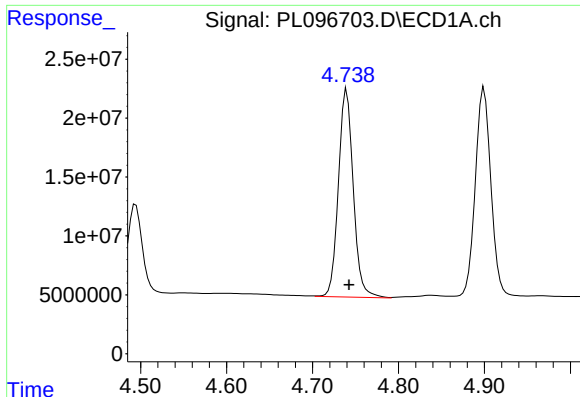
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 91119210
Conc: 50.48 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 158693387
Conc: 56.26 ng/ml



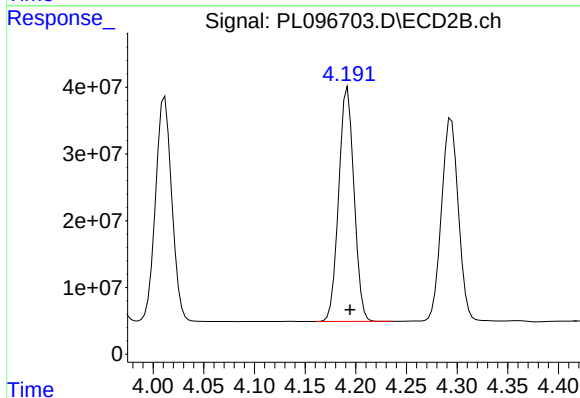
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 211456520
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

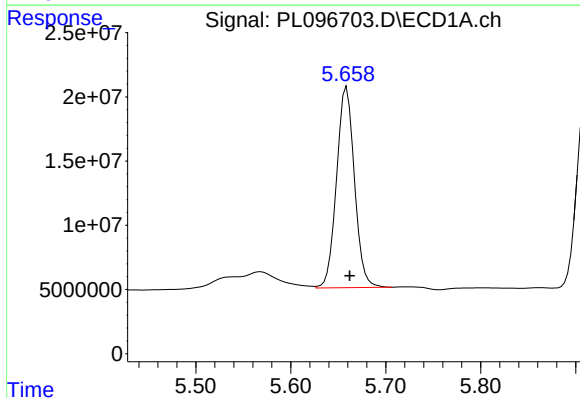
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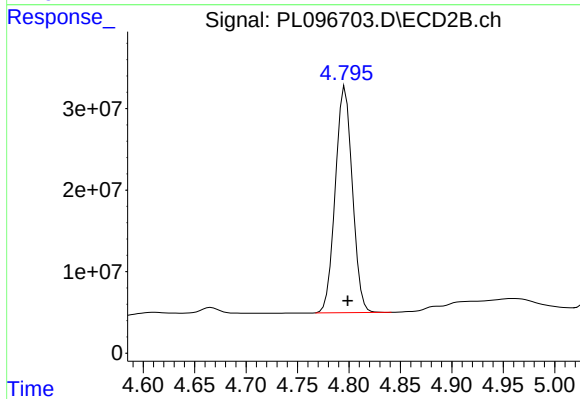
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 368085178
Conc: 56.86 ng/ml



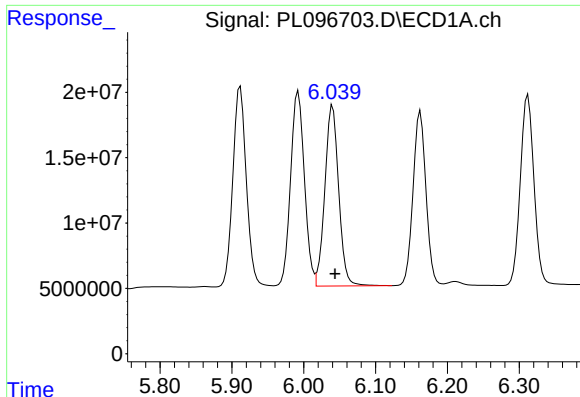
#8 Heptachlor epoxide

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 205115197
Conc: 53.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 319894144
Conc: 56.01 ng/ml



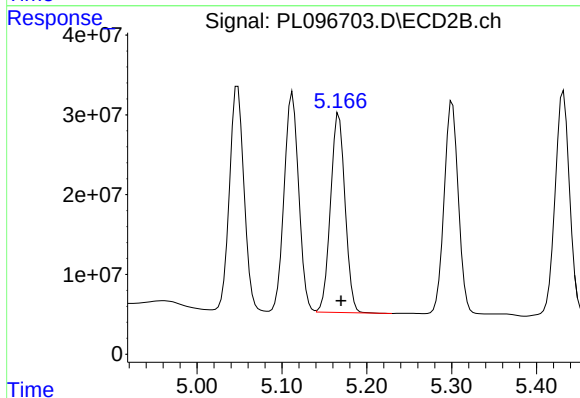
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 185032606
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

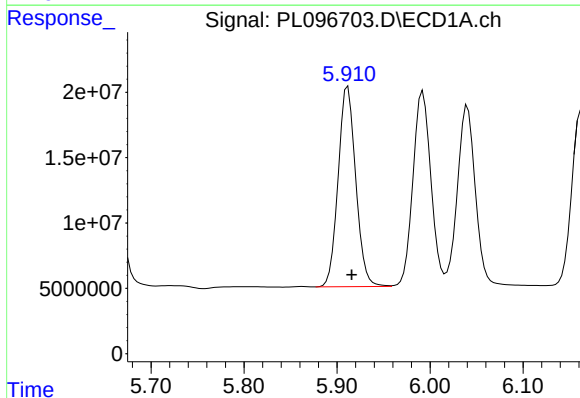
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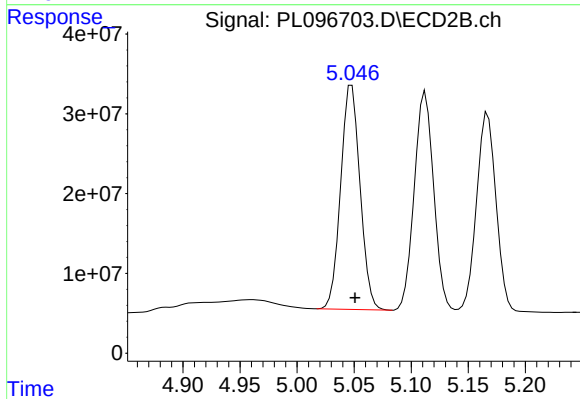
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 296849898
Conc: 53.67 ng/ml



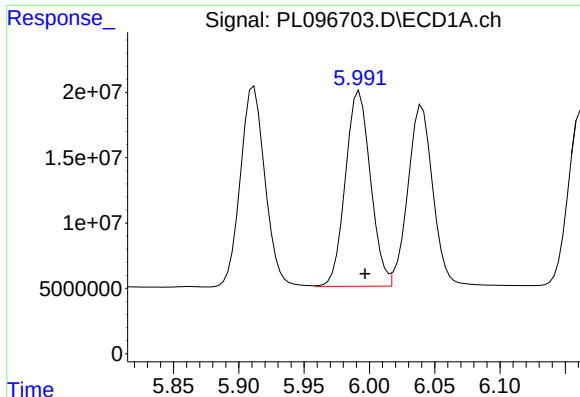
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 201593312
Conc: 52.98 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 332495927
Conc: 56.55 ng/ml



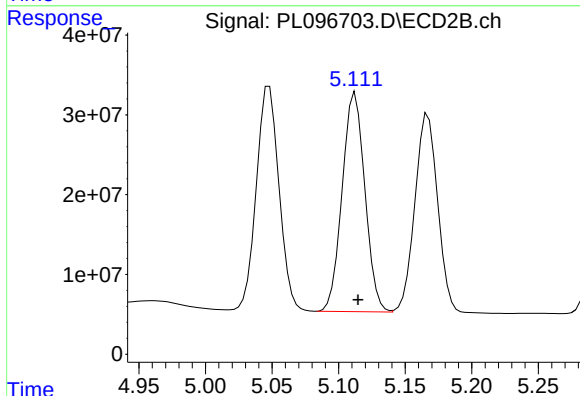
#11 alpha-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 200021729
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

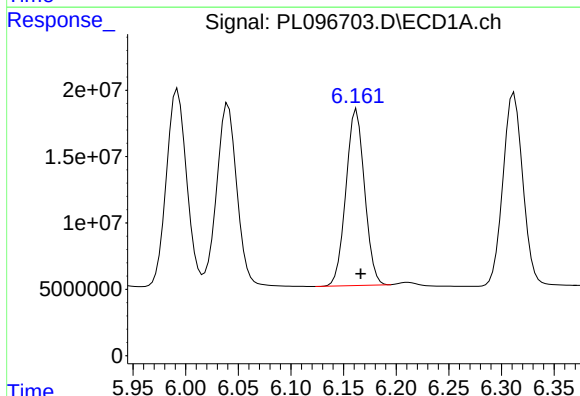
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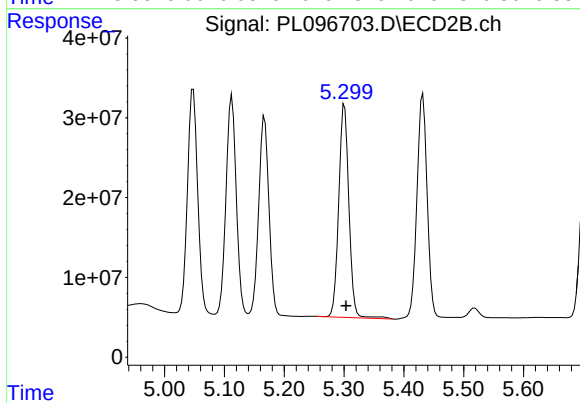
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 326181006
Conc: 55.30 ng/ml



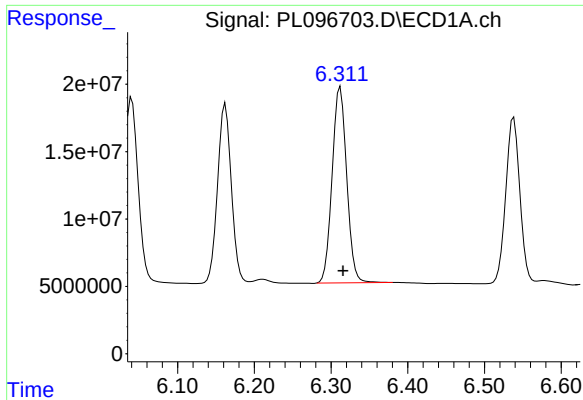
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 164015244
Conc: 51.08 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 316252260
Conc: 57.35 ng/ml



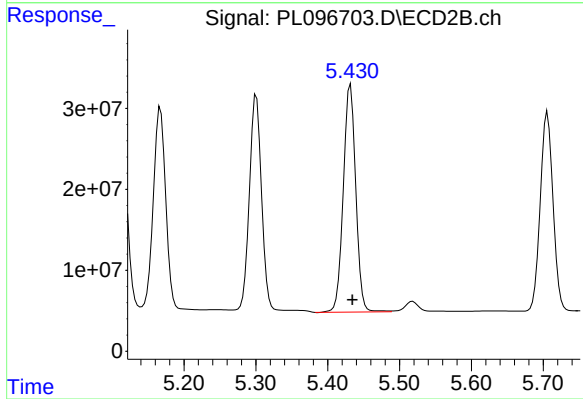
#13 Dieldrin

R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 192089514
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

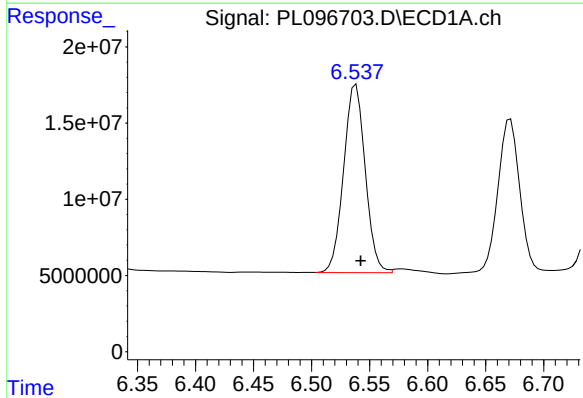
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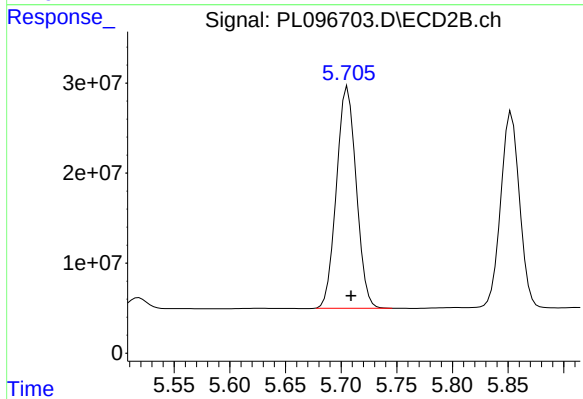
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 338063094
Conc: 57.24 ng/ml



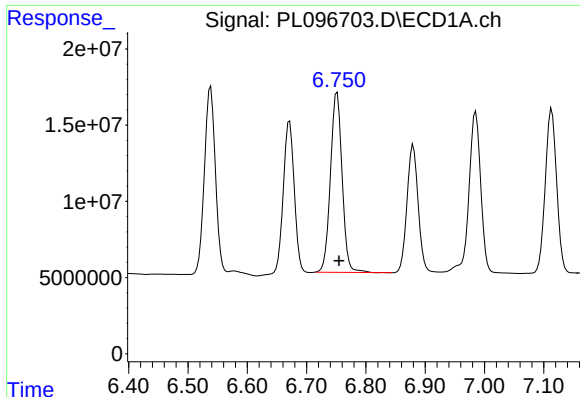
#14 Endrin

R.T.: 6.537 min
Delta R.T.: -0.005 min
Response: 160173603
Conc: 52.92 ng/ml m



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 304291214
Conc: 56.29 ng/ml



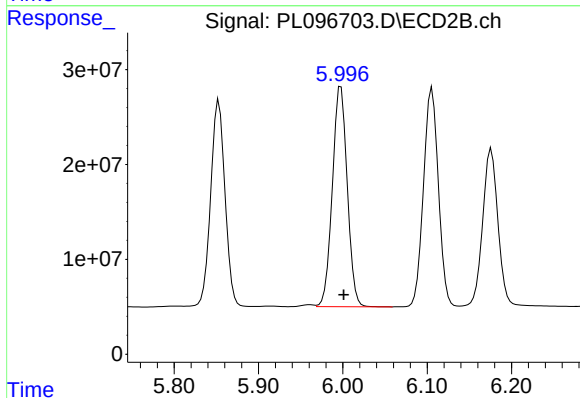
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 161207062
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

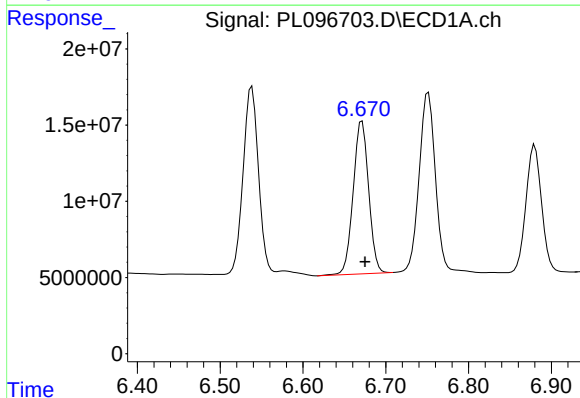
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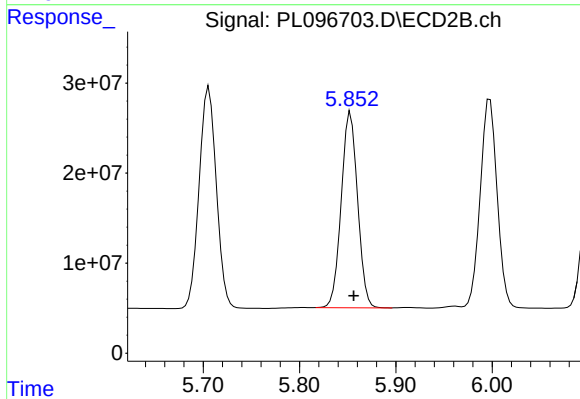
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 284859602
Conc: 55.46 ng/ml



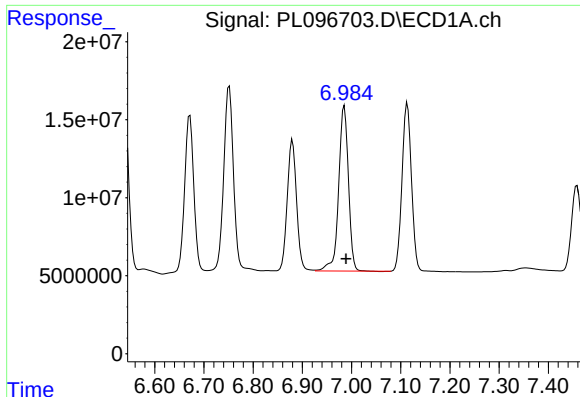
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 130005784
Conc: 51.42 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 255470948
Conc: 54.29 ng/ml



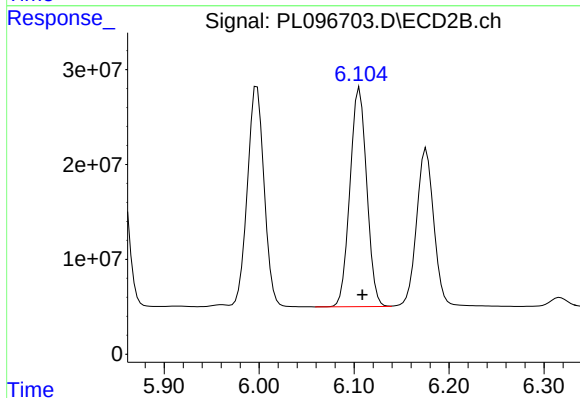
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 146269593
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

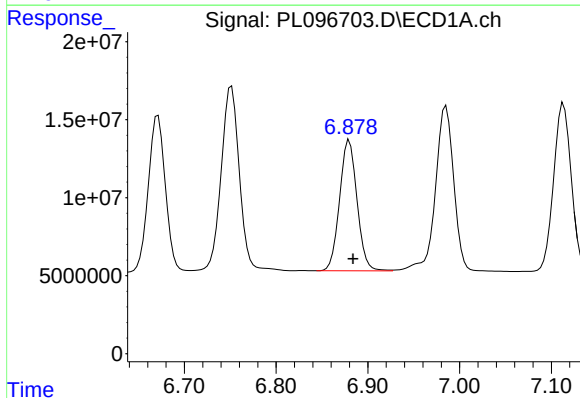
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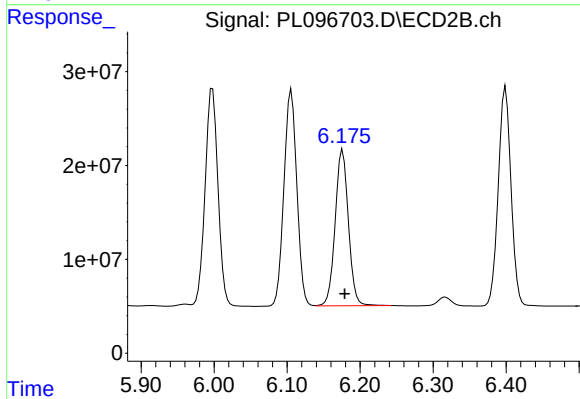
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 283033923
Conc: 55.95 ng/ml



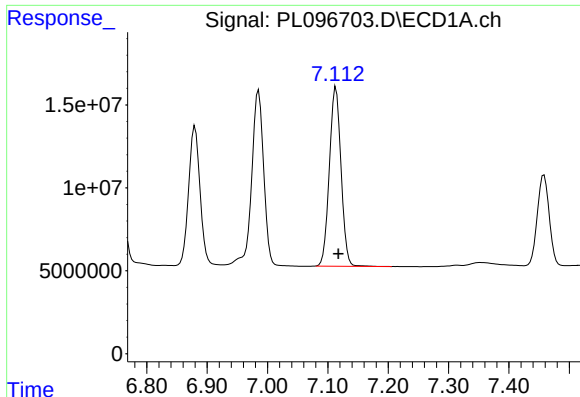
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 110702995
Conc: 51.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 209810439
Conc: 56.96 ng/ml



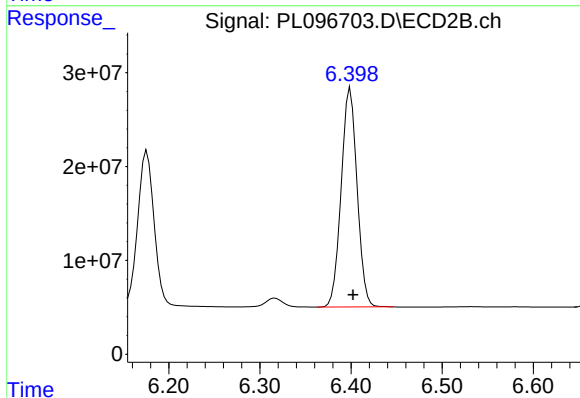
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 144763853
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

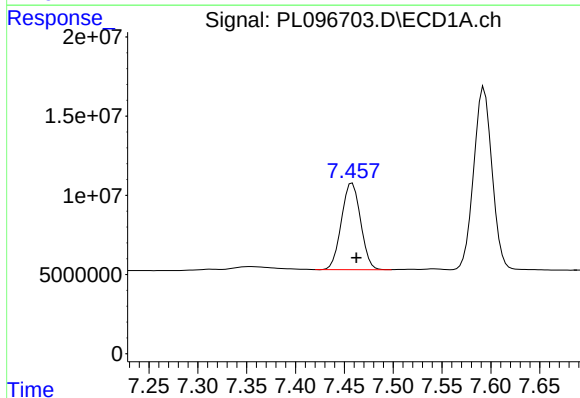
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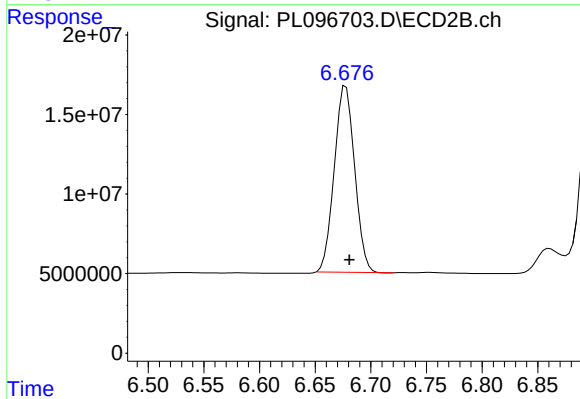
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 282830384
Conc: 55.61 ng/ml



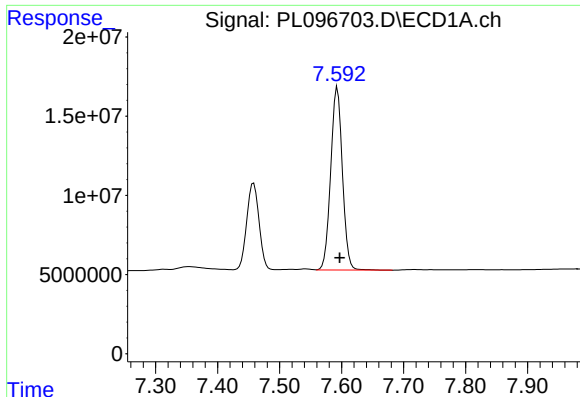
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 74795270
Conc: 50.94 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 148984091
Conc: 54.36 ng/ml



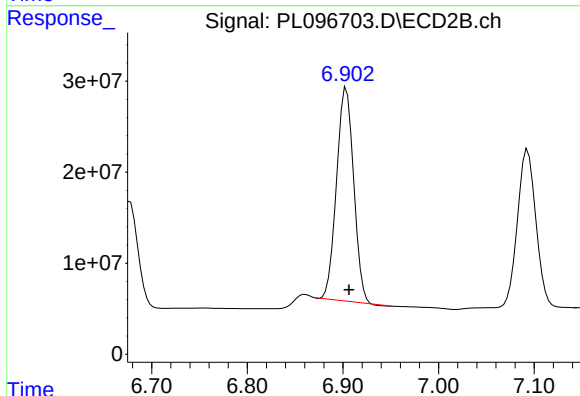
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.004 min
Response: 151270184
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

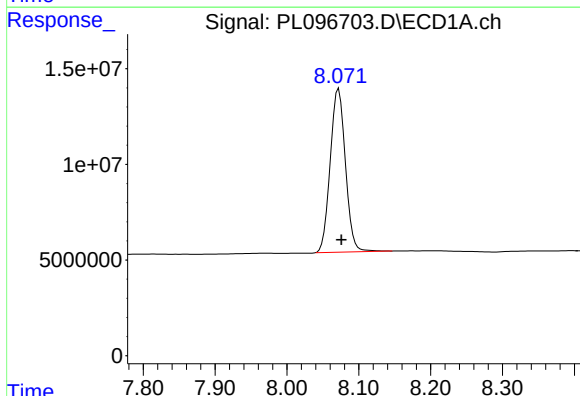
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APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



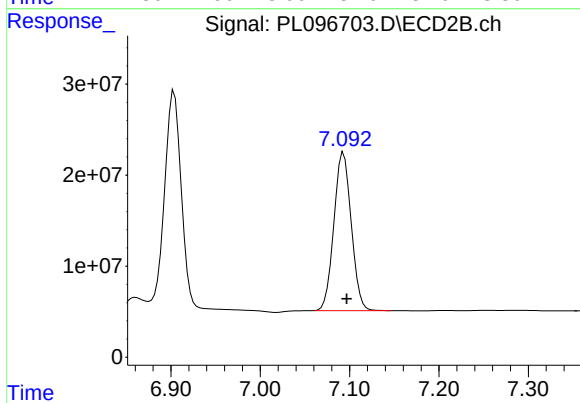
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 290831845
Conc: 52.22 ng/ml



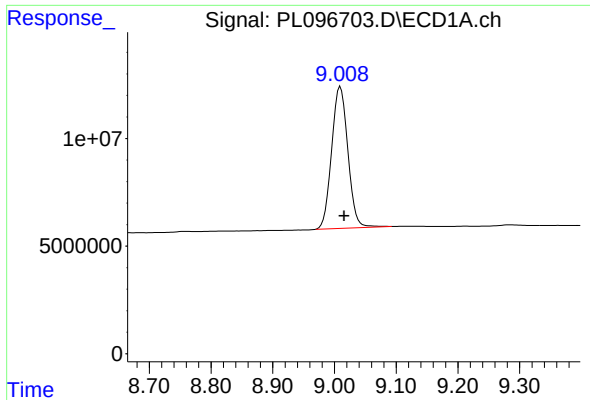
#22 Mirex

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 125263593
Conc: 50.52 ng/ml



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.003 min
Response: 234679699
Conc: 53.81 ng/ml



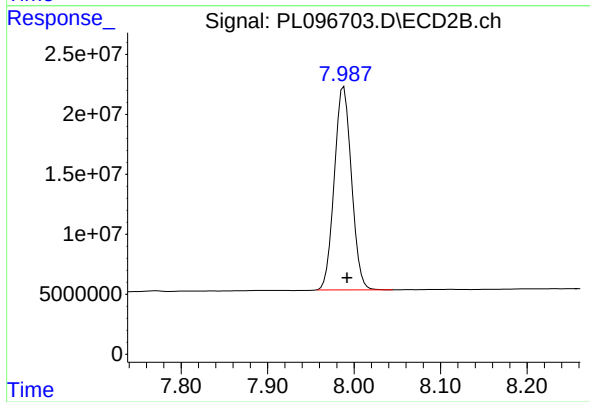
#28 Decachlorobiphenyl

R.T.: 9.010 min
Delta R.T.: -0.006 min
Response: 120333786
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 232428286
Conc: 53.58 ng/ml