

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
 Data File : PL096169.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 18:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 05:53:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 24 16:08:38 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...	3.569	2.880	180.2E6	232.7E6	52.343	53.034
28)	SA Decachlor...	9.109	8.062	137.4E6	288.6E6	51.548	53.632
Target Compounds							
2)	A alpha-BHC	4.021	3.389	284.2E6	358.1E6	53.042	54.100
3)	MA gamma-BHC...	4.352	3.722	265.3E6	339.8E6	52.975	53.992
4)	MA Heptachlor	4.949	4.074	242.2E6	334.1E6	52.754	52.976
5)	MB Aldrin	5.291	4.359	252.1E6	319.3E6	53.027	54.009
6)	B beta-BHC	4.540	4.018	113.6E6	145.4E6	53.088	52.737
7)	B delta-BHC	4.788	4.253	255.1E6	340.6E6	52.237	54.161
8)	B Heptachlo...	5.712	4.861	229.8E6	298.8E6	52.416	52.052
9)	A Endosulfan I	6.095	5.233	211.2E6	284.9E6	52.532	47.940
10)	B gamma-Chl...	5.967	5.112	229.7E6	315.8E6	52.803	52.430m
11)	B alpha-Chl...	6.048	5.178	227.5E6	317.0E6	52.661	51.400
12)	B 4,4'-DDE	6.219	5.366	208.3E6	314.2E6	52.088	53.409
13)	MA Dieldrin	6.369	5.499	227.3E6	319.7E6	52.741	53.901
14)	MA Endrin	6.597	5.774	182.0E6	284.5E6	51.061	52.060
15)	B Endosulfa...	6.810	6.066	197.5E6	285.2E6	49.901	53.342
16)	A 4,4'-DDD	6.730	5.920	173.1E6	265.7E6	52.626	55.197
17)	MA 4,4'-DDT	7.044	6.174	163.2E6	276.8E6	49.922m	50.422
18)	B Endrin al...	6.939	6.245	139.1E6	215.1E6	53.062	51.435
19)	B Endosulfa...	7.174	6.469	175.5E6	273.2E6	51.961	53.348
20)	A Methoxychlor	7.520	6.747	82205959	149.7E6	49.923	51.007
21)	B Endrin ke...	7.655	6.976	190.1E6	322.8E6	52.660	54.002
22)	Mirex	8.138	7.169	141.7E6	251.0E6	51.872	52.490

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
Data File : PL096169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 18:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

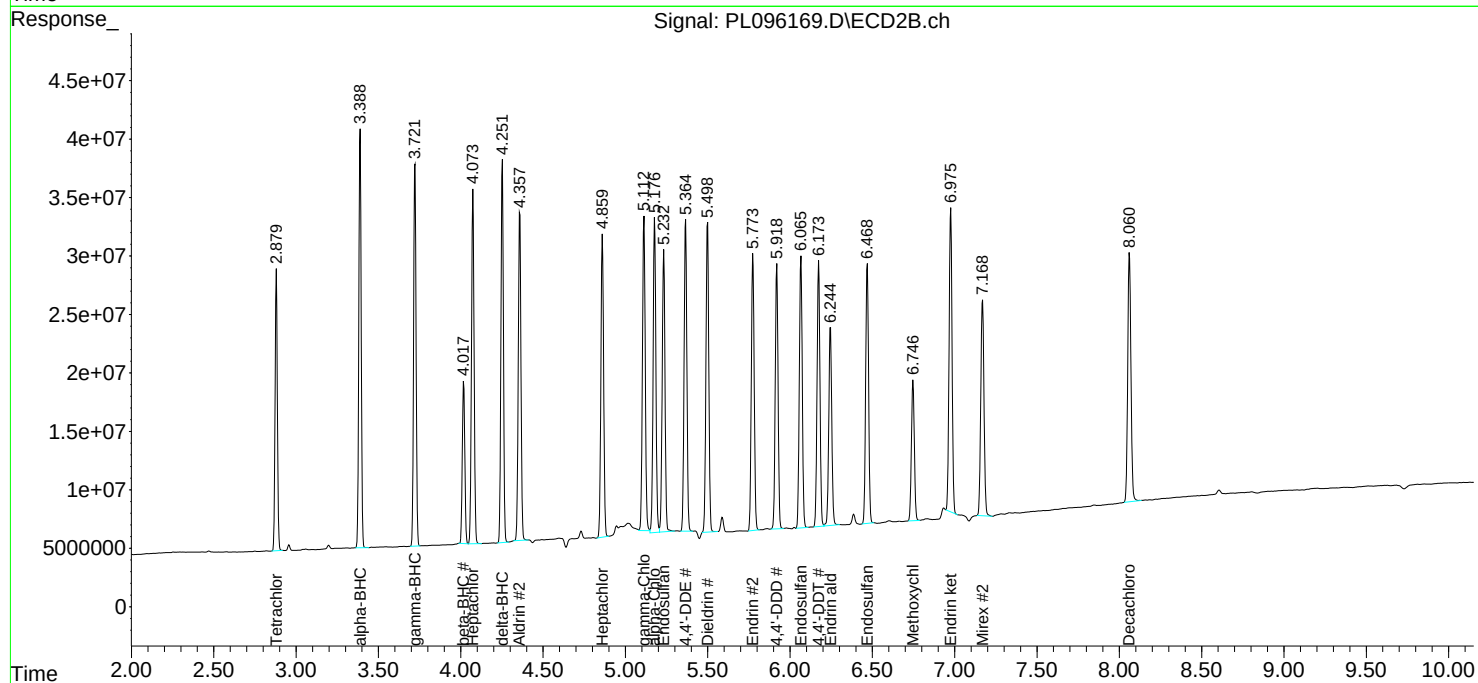
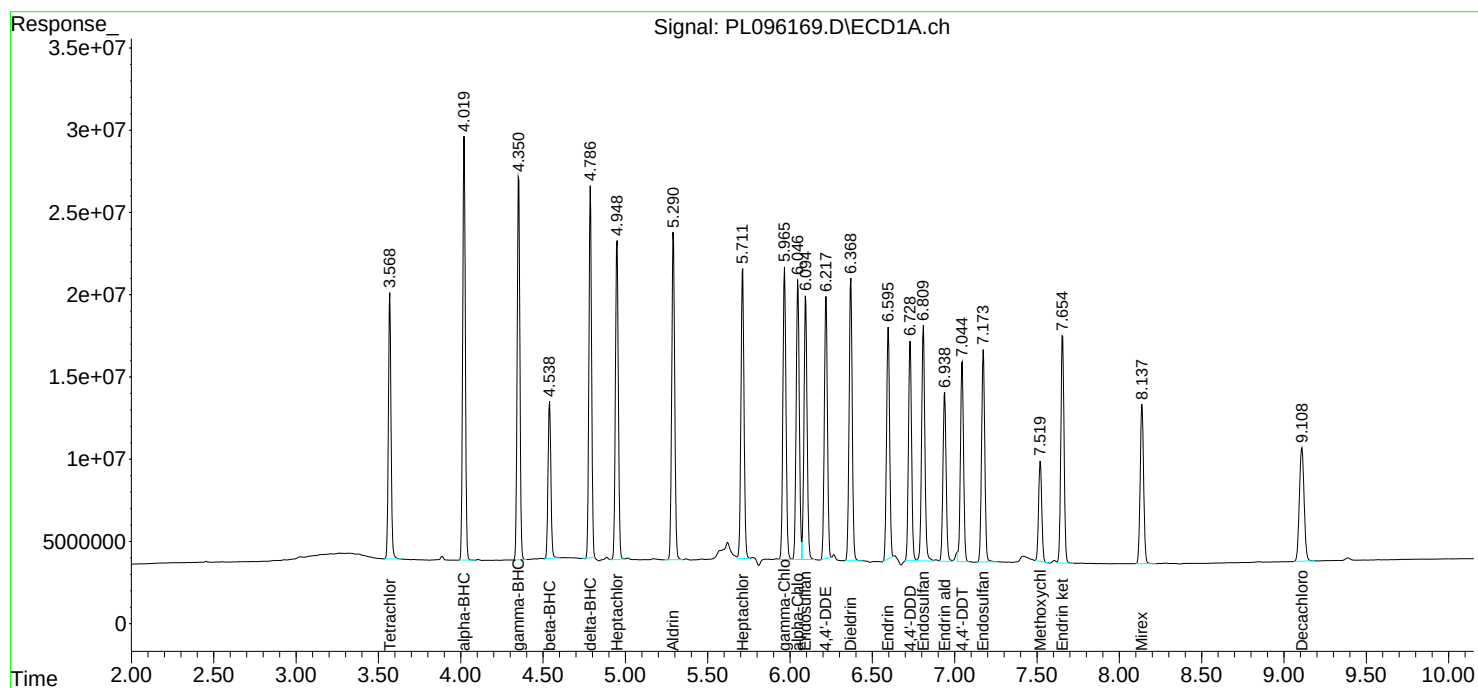
APPROVED

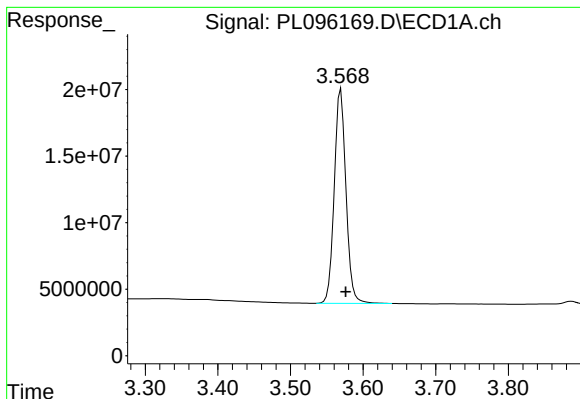
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 05:53:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Tue Jun 24 16:08:38 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





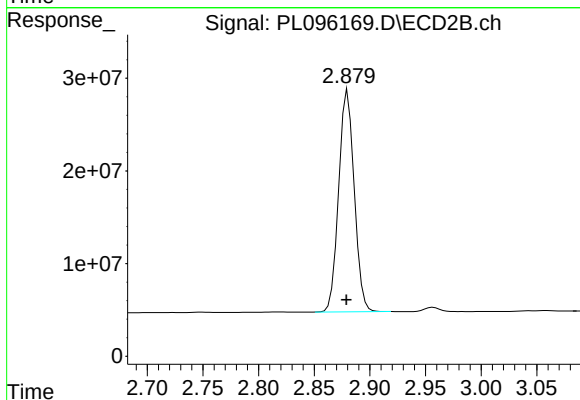
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.007 min
Response: 180183995
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

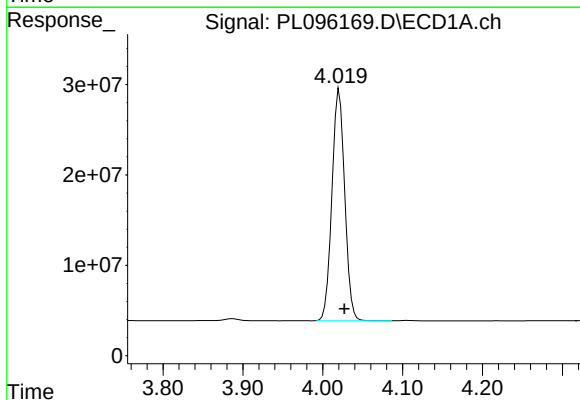
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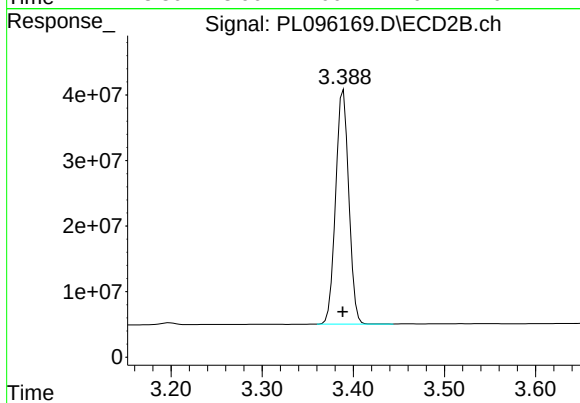
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.001 min
Response: 232694331
Conc: 53.03 ng/ml



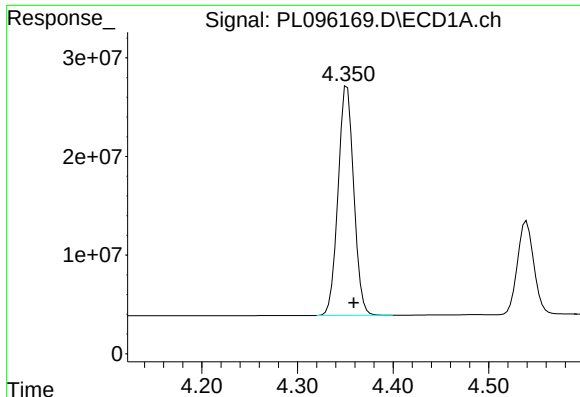
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: -0.006 min
Response: 284211614
Conc: 53.04 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 358084213
Conc: 54.10 ng/ml



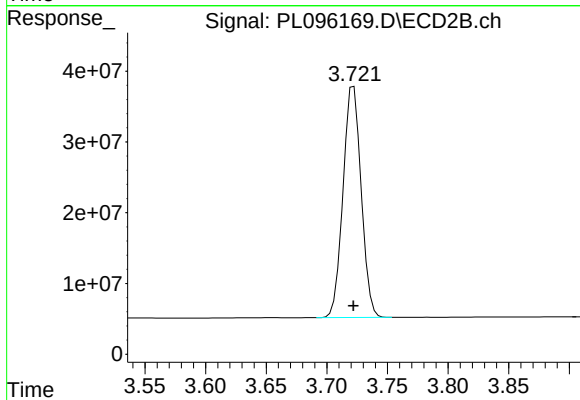
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: -0.007 min
Response: 265293782
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

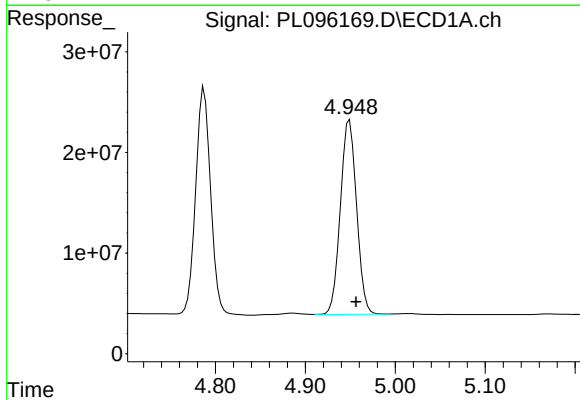
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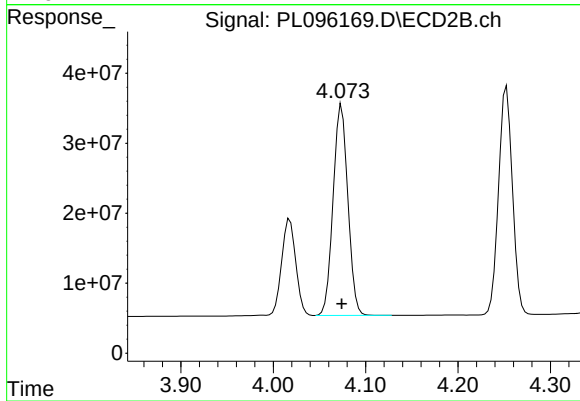
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 339752538
Conc: 53.99 ng/ml



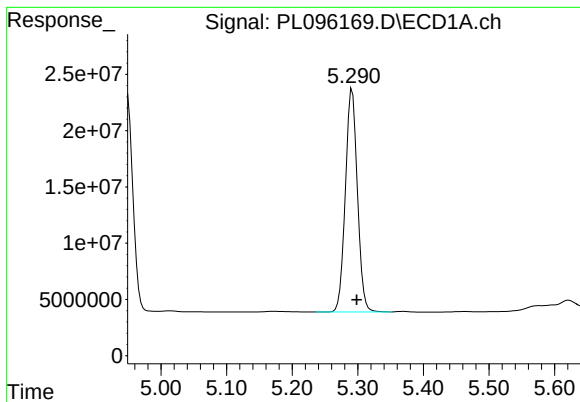
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.007 min
Response: 242228420
Conc: 52.75 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 334148949
Conc: 52.98 ng/ml



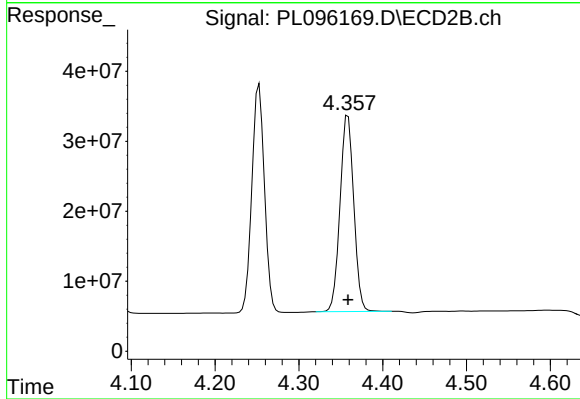
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: -0.007 min
Response: 252130963
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

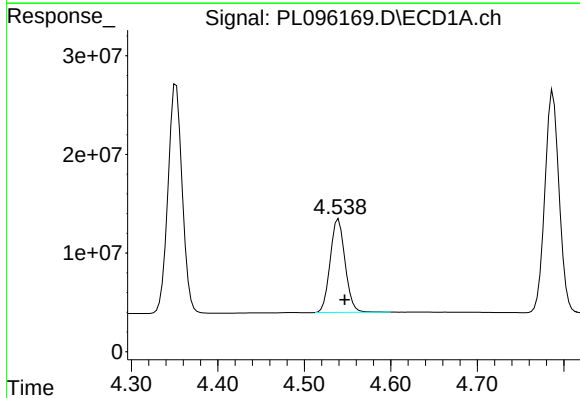
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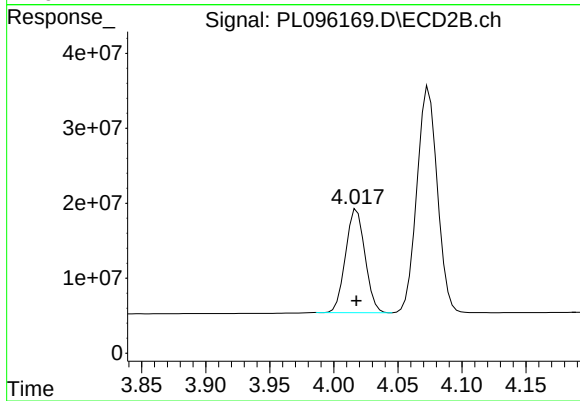
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 319343974
Conc: 54.01 ng/ml



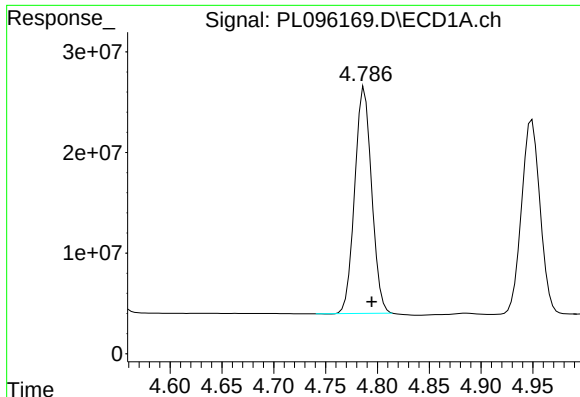
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: -0.007 min
Response: 113557330
Conc: 53.09 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 145422976
Conc: 52.74 ng/ml



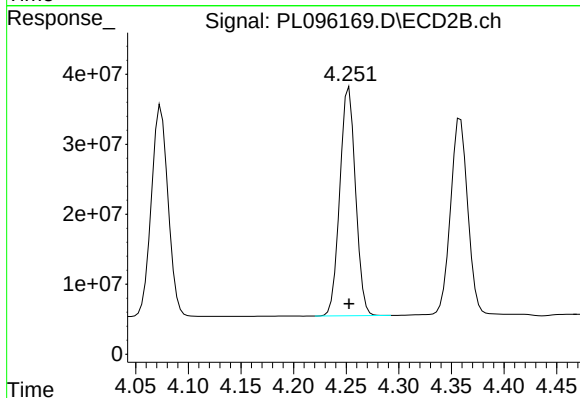
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: -0.007 min
Response: 255111894
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

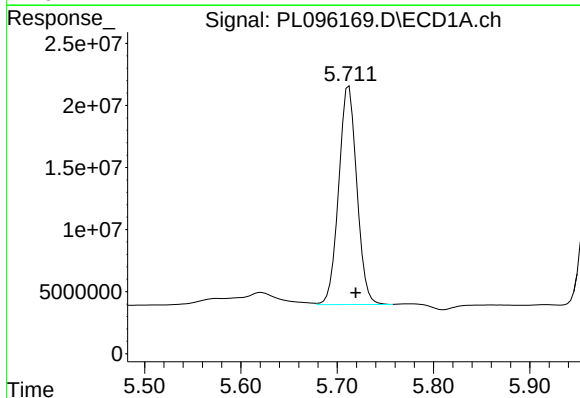
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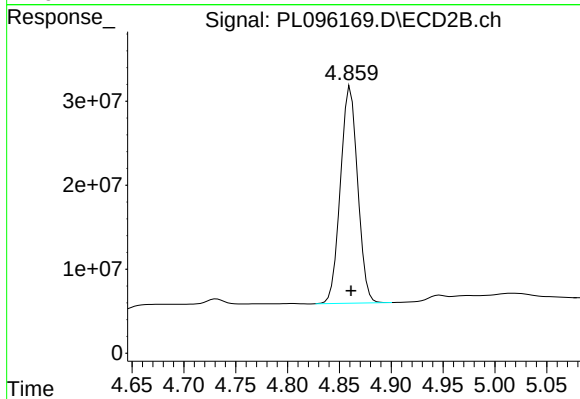
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 340572803
Conc: 54.16 ng/ml



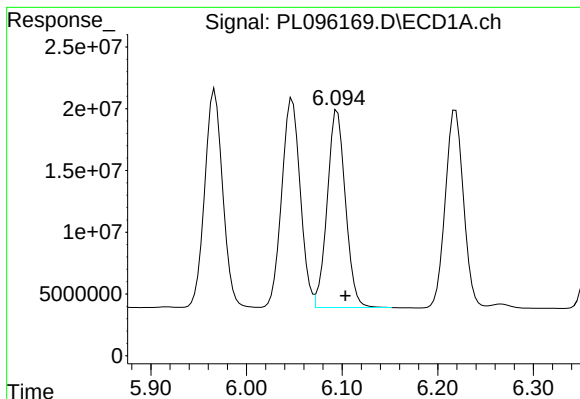
#8 Heptachlor epoxide

R.T.: 5.712 min
Delta R.T.: -0.007 min
Response: 229836098
Conc: 52.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 298806299
Conc: 52.05 ng/ml



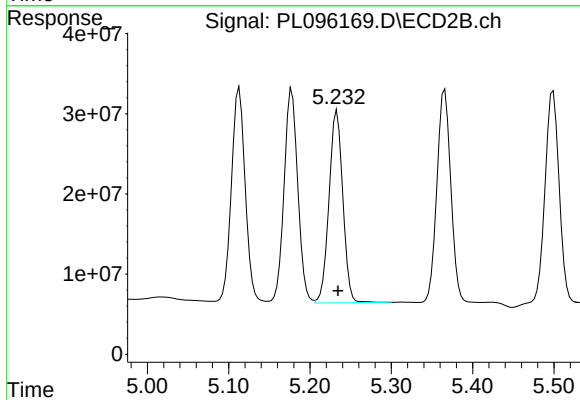
#9 Endosulfan I

R.T.: 6.095 min
Delta R.T.: -0.009 min
Response: 211173665
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

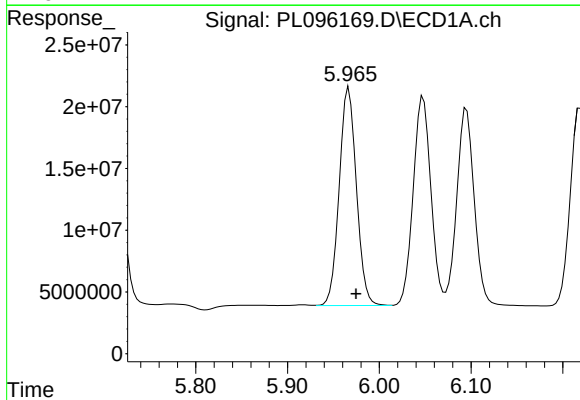
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Supervised By :mohammad ahmed 06/26/2025



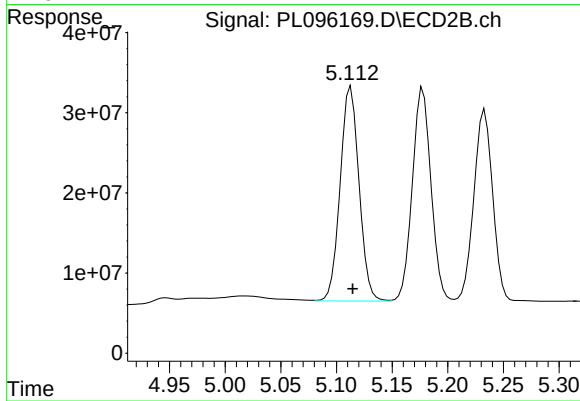
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.001 min
Response: 284939114
Conc: 47.94 ng/ml



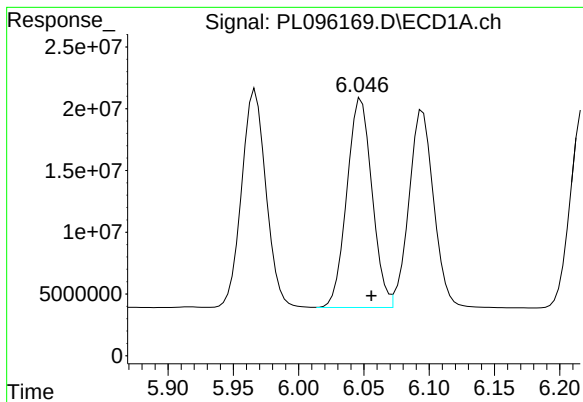
#10 gamma-Chlordane

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 229667708
Conc: 52.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 315772637
Conc: 52.43 ng/ml m



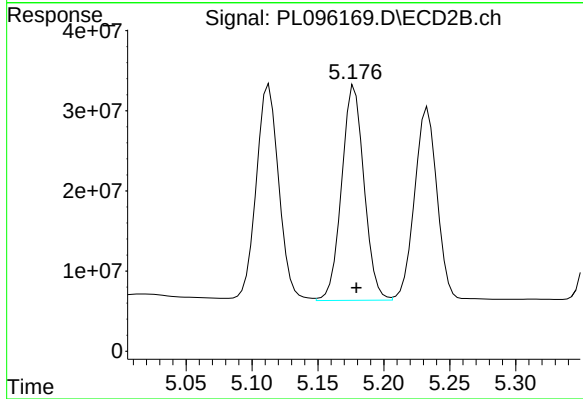
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 227541089
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

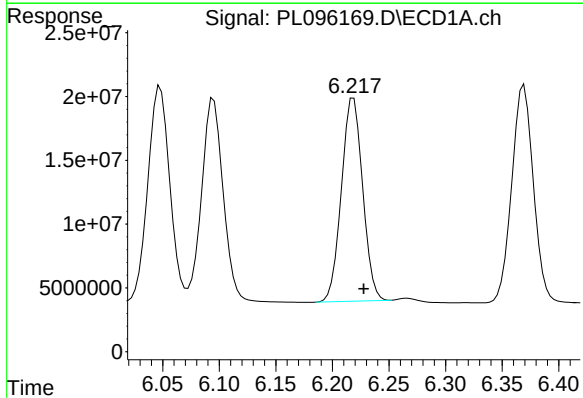
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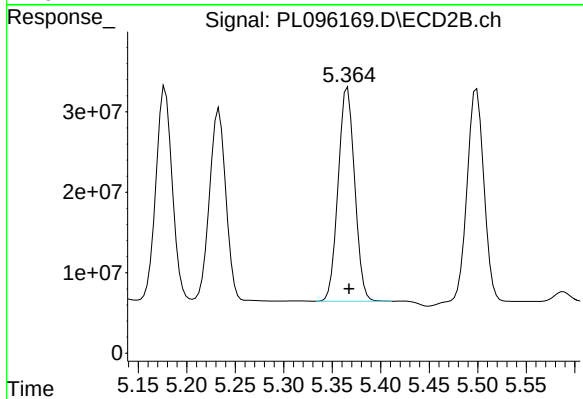
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 316981360
Conc: 51.40 ng/ml



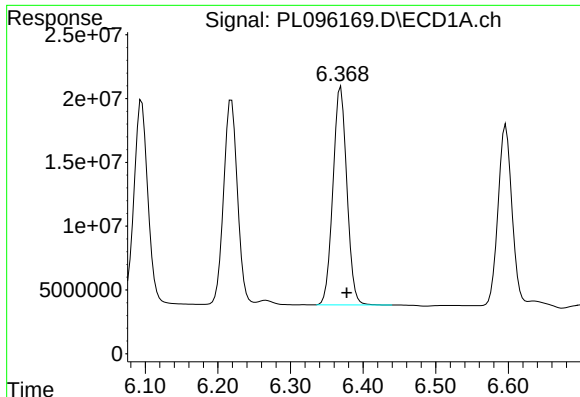
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 208257219
Conc: 52.09 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 314234313
Conc: 53.41 ng/ml



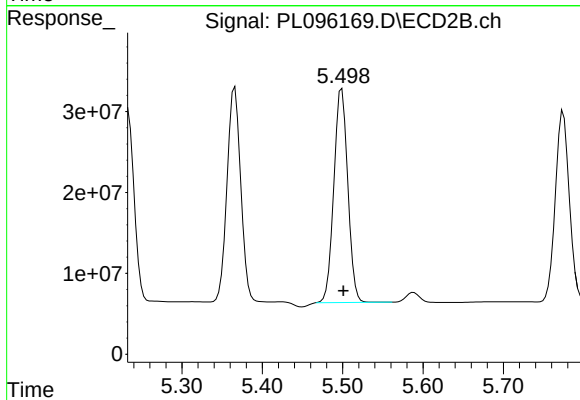
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: -0.008 min
Response: 227283730
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

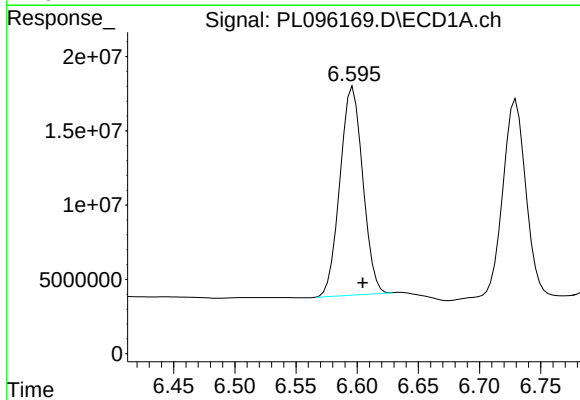
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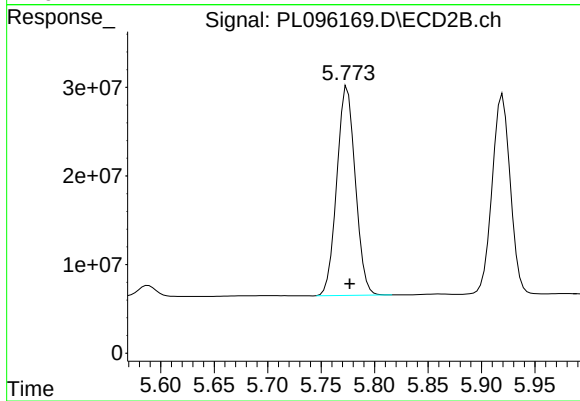
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 319733064
Conc: 53.90 ng/ml



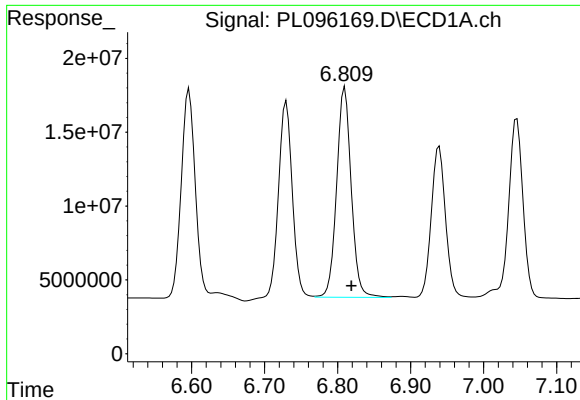
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.008 min
Response: 181961065
Conc: 51.06 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 284511745
Conc: 52.06 ng/ml



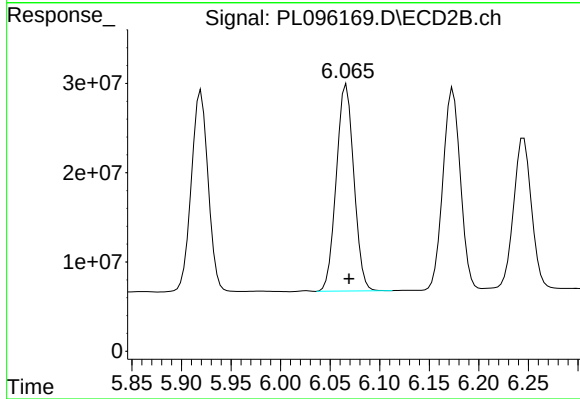
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.009 min
Response: 197523571
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

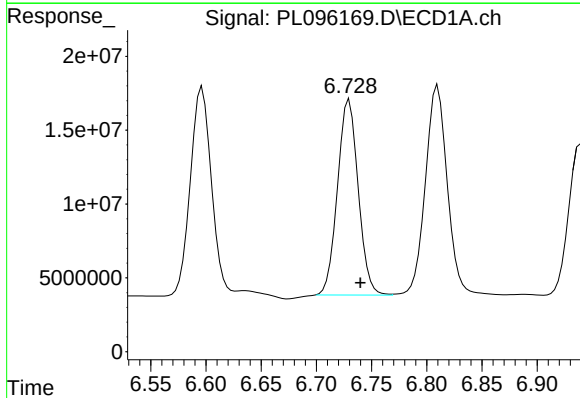
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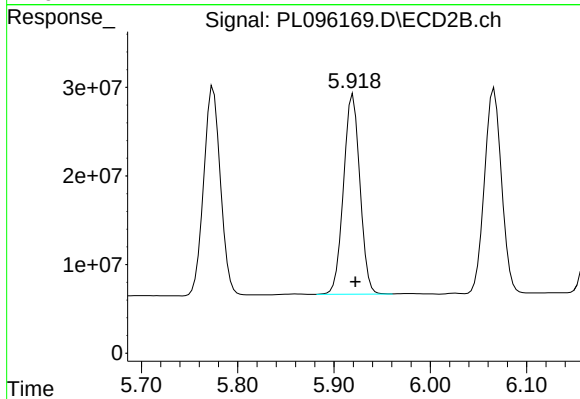
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 285203011
Conc: 53.34 ng/ml



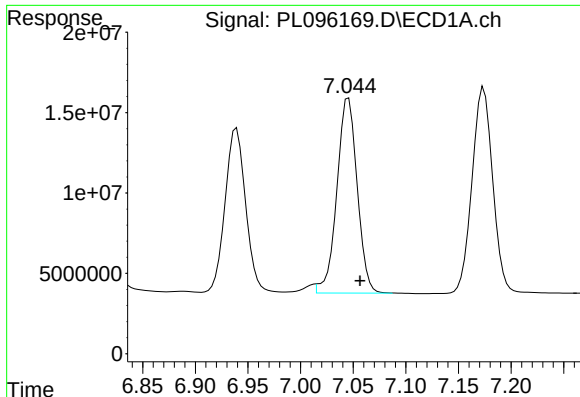
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.010 min
Response: 173143907
Conc: 52.63 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 265703458
Conc: 55.20 ng/ml



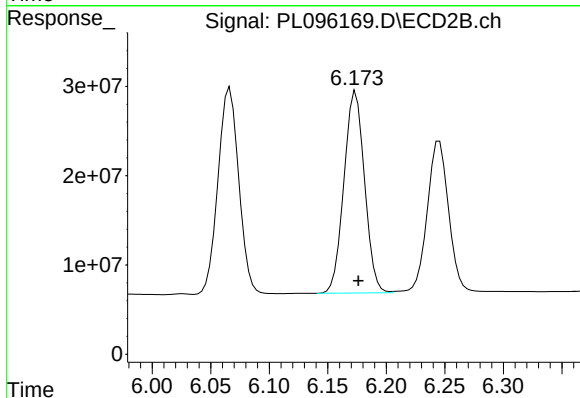
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: -0.012 min
Response: 163200388
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

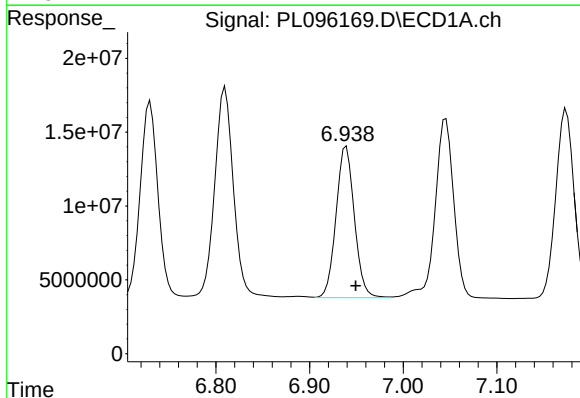
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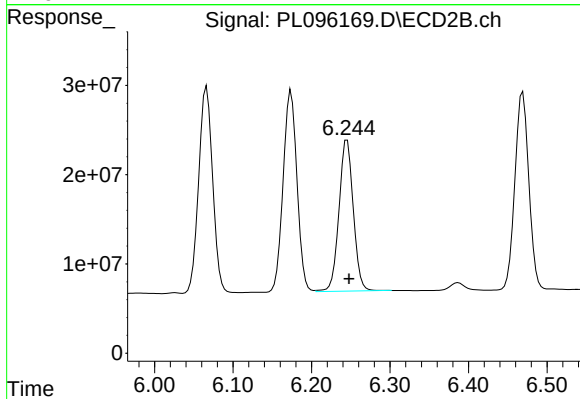
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 276801403
Conc: 50.42 ng/ml



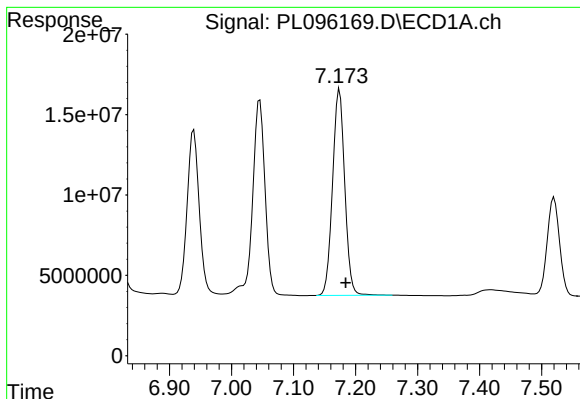
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.010 min
Response: 139095841
Conc: 53.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 215051188
Conc: 51.43 ng/ml



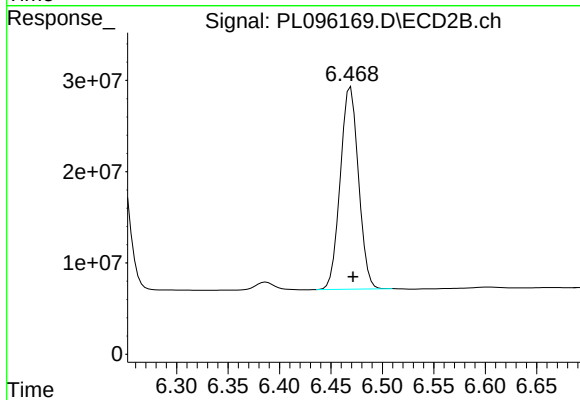
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.011 min
Response: 175515493
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

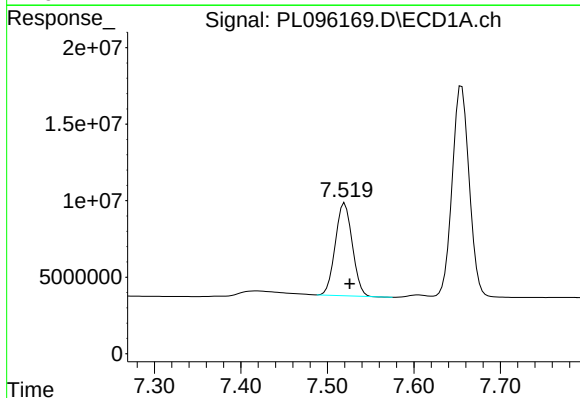
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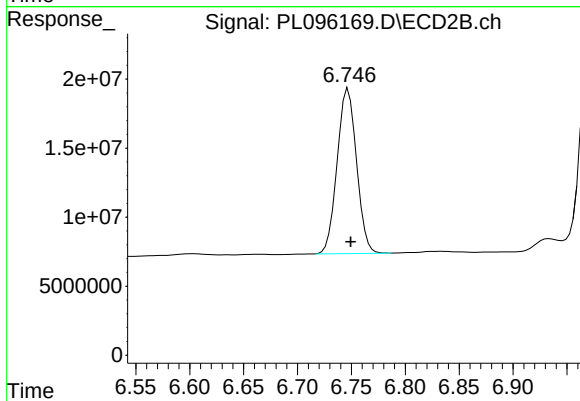
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 273203732
Conc: 53.35 ng/ml



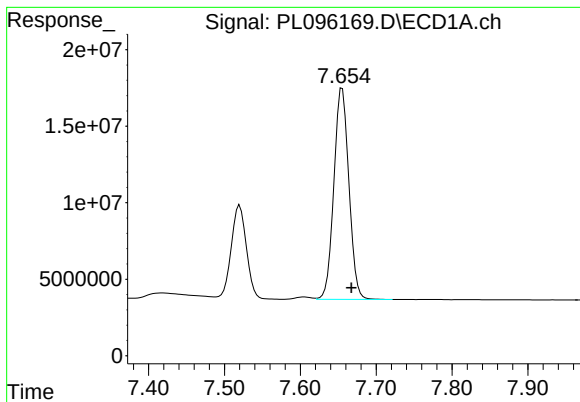
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.006 min
Response: 82205959
Conc: 49.92 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 149723182
Conc: 51.01 ng/ml



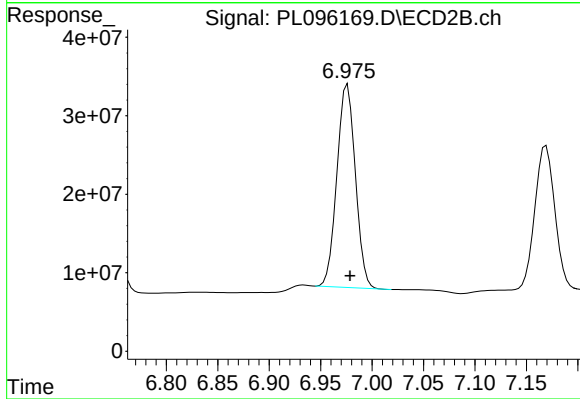
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.012 min
Response: 190143154
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

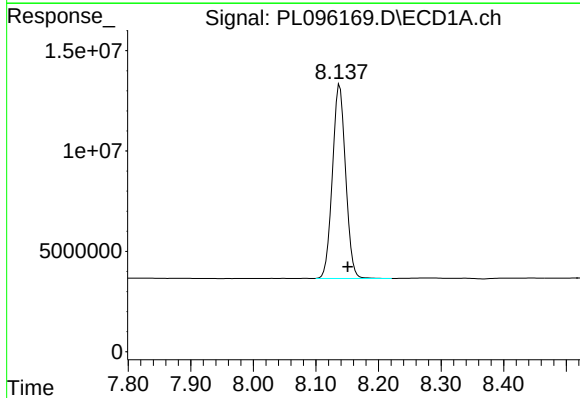
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Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



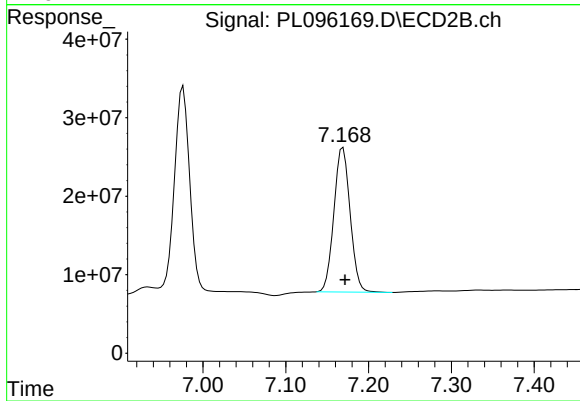
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.002 min
Response: 322759870
Conc: 54.00 ng/ml



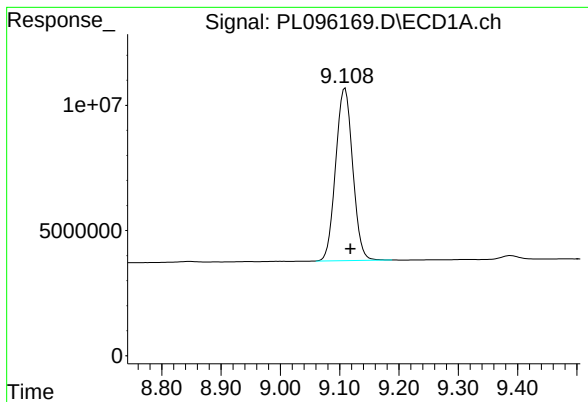
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.013 min
Response: 141671372
Conc: 51.87 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 250986129
Conc: 52.49 ng/ml



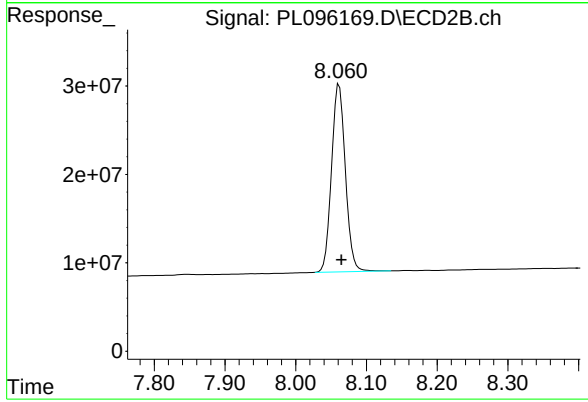
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.009 min
Response: 137422142
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 288609844
Conc: 53.63 ng/ml