

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 18:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2025
 Supervised By : mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:35:23 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	2.829	204.9E6	334.7E6	56.143	58.000
2)	SA Decachlor...	9.016	7.993	162.6E6	192.7E6	57.803	38.644 #
Target Compounds							
2)	A alpha-BHC	3.983	3.334	298.1E6	505.1E6	57.968	59.885
3)	MA gamma-BHC...	4.312	3.666	283.1E6	462.3E6	56.848	58.697
4)	MA Heptachlor	4.903	4.015	261.8E6	431.2E6	57.145	56.673
5)	MB Aldrin	5.243	4.298	263.5E6	422.6E6	54.518	57.922
6)	B beta-BHC	4.498	3.962	117.5E6	192.6E6	56.523	56.245
7)	B delta-BHC	4.744	4.195	261.2E6	446.9E6	58.296	58.020
8)	B Heptachlo...	5.663	4.800	237.4E6	371.6E6	57.211	55.590
9)	A Endosulfan I	6.044	5.171	220.3E6	333.3E6	54.562	46.457
10)	B gamma-Chl...	5.915	5.052	238.3E6	388.3E6	53.847m	55.310
11)	B alpha-Chl...	5.997	5.116	243.1E6	378.4E6	55.522	50.320
12)	B 4,4'-DDE	6.167	5.305	203.3E6	353.2E6	54.839	54.648
13)	MA Dieldrin	6.317	5.435	228.4E6	378.6E6	54.026	55.519m
14)	MA Endrin	6.543	5.710	177.6E6	330.2E6	57.091	54.164
15)	B Endosulfa...	6.755	6.002	182.3E6	311.2E6	52.530m	53.075
16)	A 4,4'-DDD	6.674	5.857	172.5E6	300.1E6	59.239m	58.520
17)	MA 4,4'-DDT	6.990	6.110	154.4E6	267.3E6	50.867	46.614
18)	B Endrin al...	6.883	6.180	127.5E6	231.7E6	57.042m	52.006
19)	B Endosulfa...	7.118	6.403	160.2E6	308.8E6	52.364	54.896
20)	A Methoxychlor	7.461	6.682	93403166	179.3E6	59.289m	59.016
21)	B Endrin ke...	7.598	6.908	171.9E6	350.5E6	52.080	56.064
22)	Mirex	8.077	7.098	134.3E6	237.0E6	48.269	47.698

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

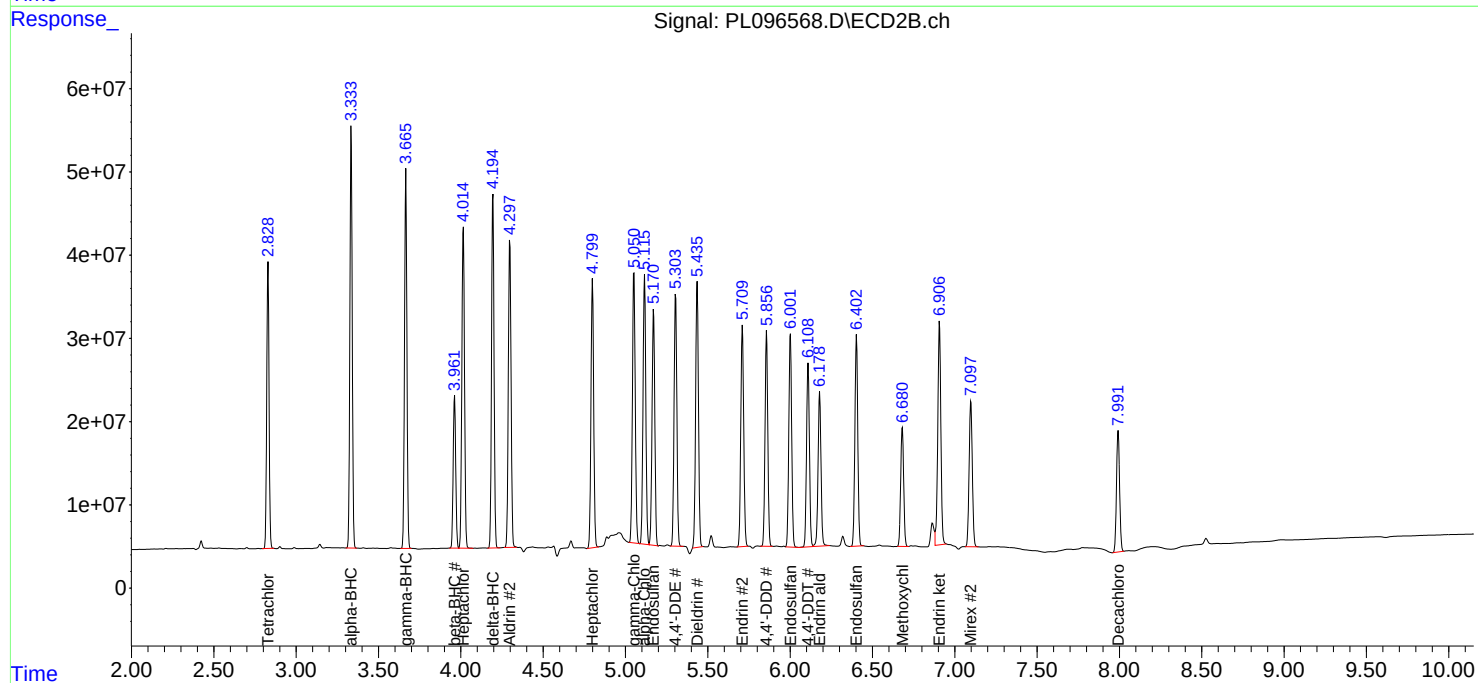
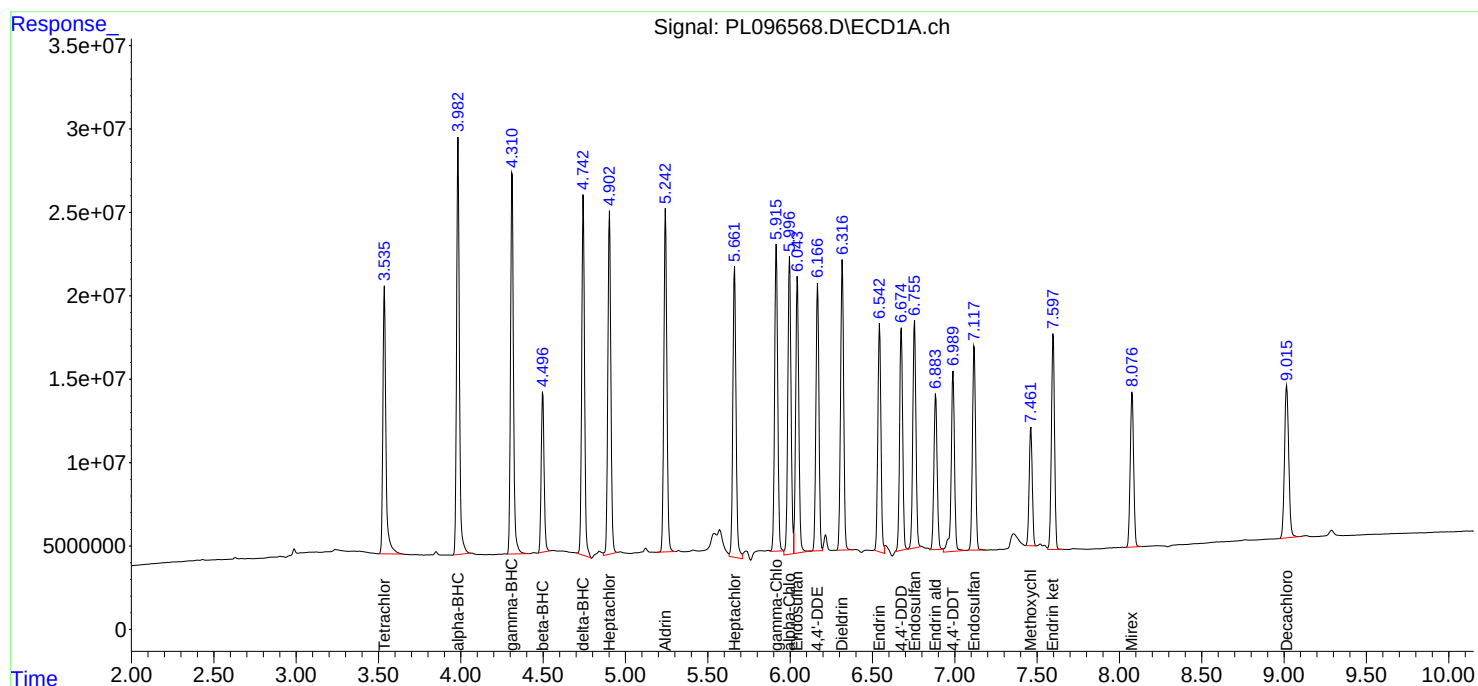
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

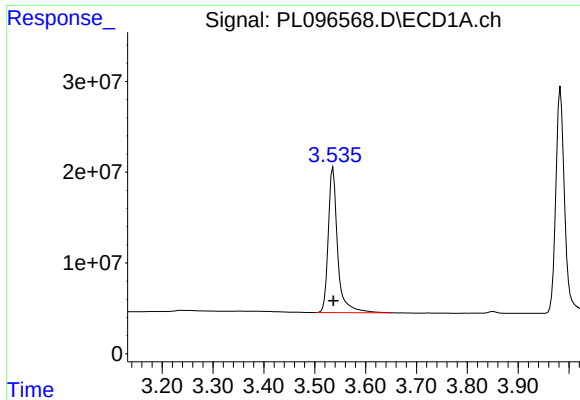
Manual Integrations
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Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:35:23 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





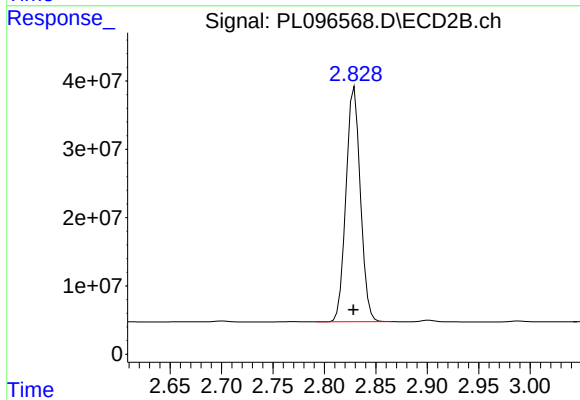
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 204862861
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

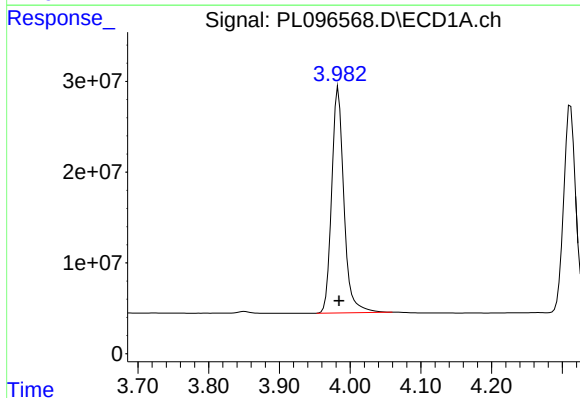
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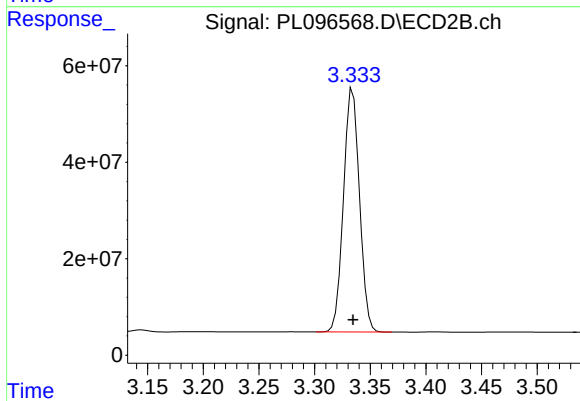
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 334733499
Conc: 58.00 ng/ml



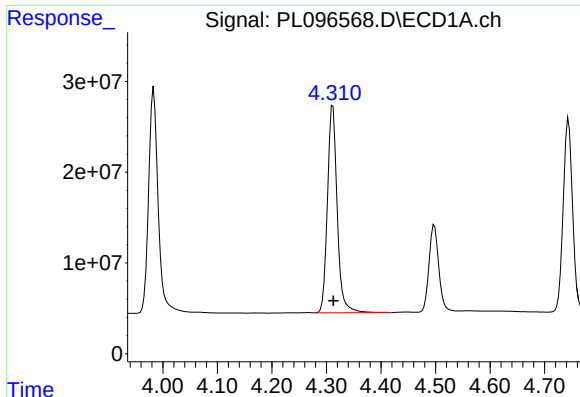
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 298138699
Conc: 57.97 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 505091022
Conc: 59.89 ng/ml



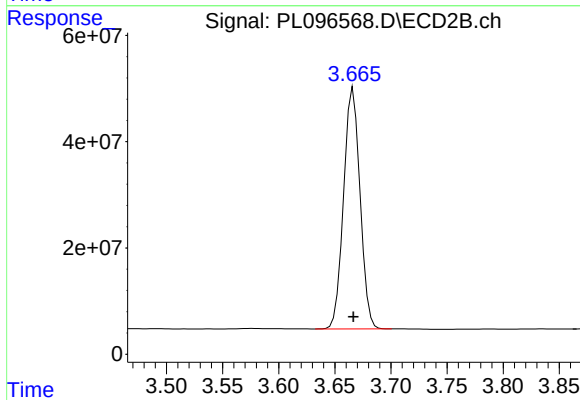
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 283084151
Conc: 56.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

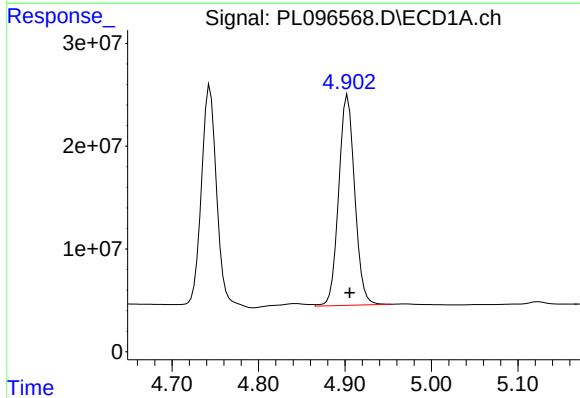
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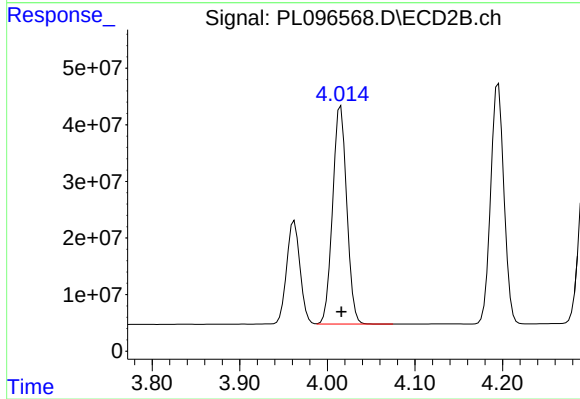
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 462289330
Conc: 58.70 ng/ml



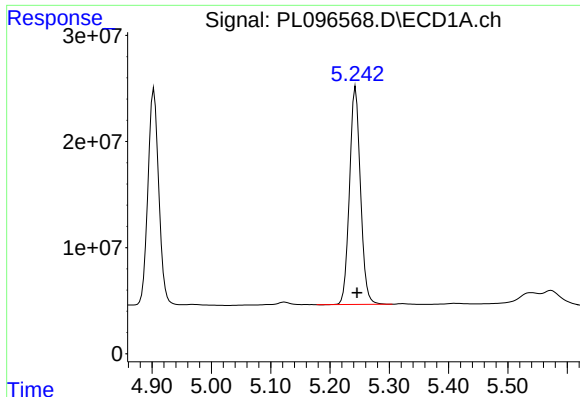
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 261794707
Conc: 57.15 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 431150919
Conc: 56.67 ng/ml



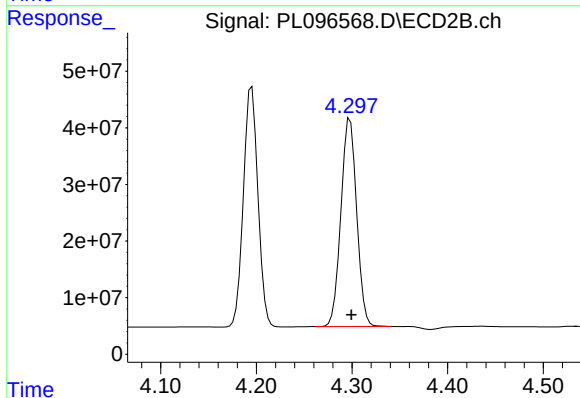
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 263523794
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

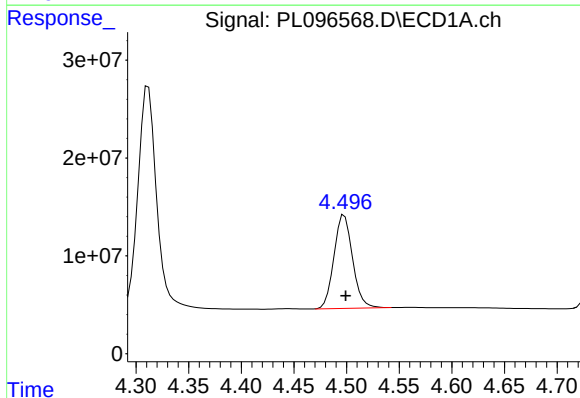
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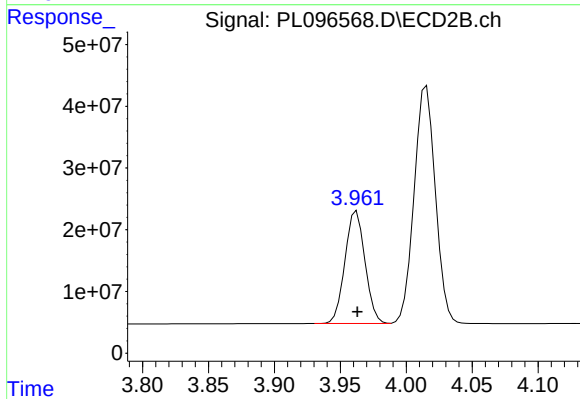
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 422580167
Conc: 57.92 ng/ml



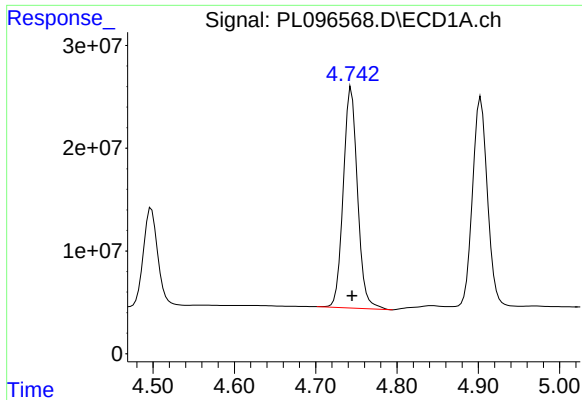
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 117500676
Conc: 56.52 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 192578033
Conc: 56.25 ng/ml



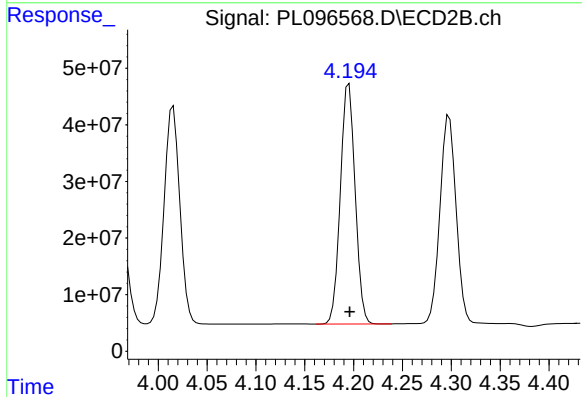
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 261242631
Conc: 58.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

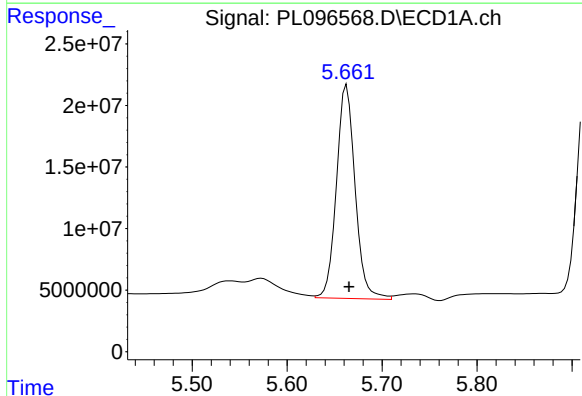
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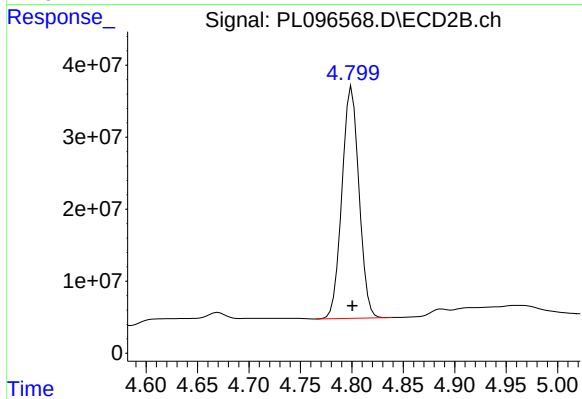
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 446863878
Conc: 58.02 ng/ml



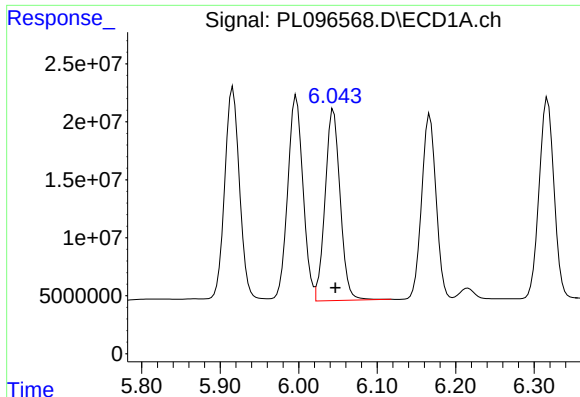
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 237375560
Conc: 57.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 371613664
Conc: 55.59 ng/ml



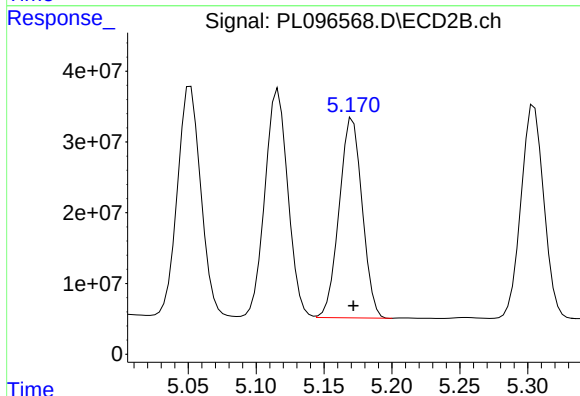
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 220282307
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

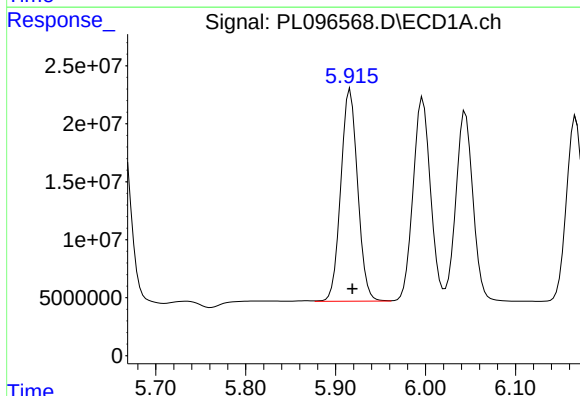
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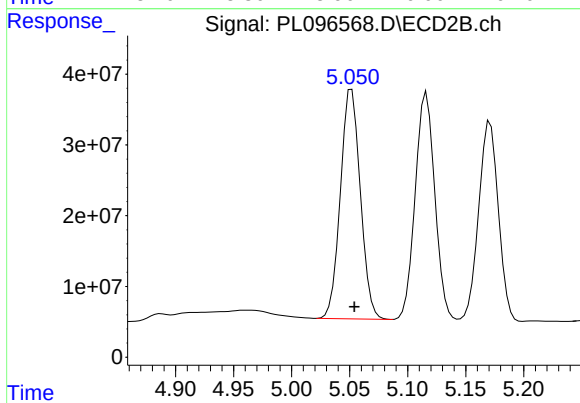
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 333285825
Conc: 46.46 ng/ml



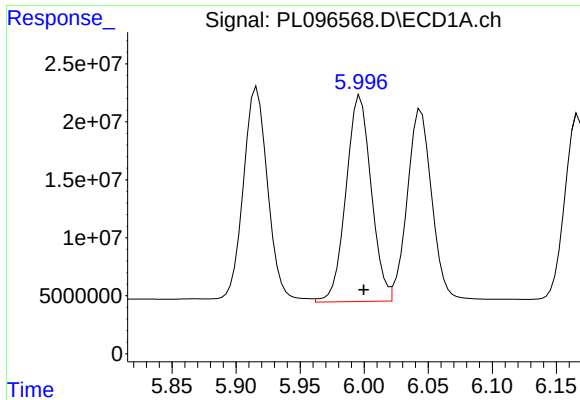
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 238262486
Conc: 53.85 ng/ml m



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 388257835
Conc: 55.31 ng/ml



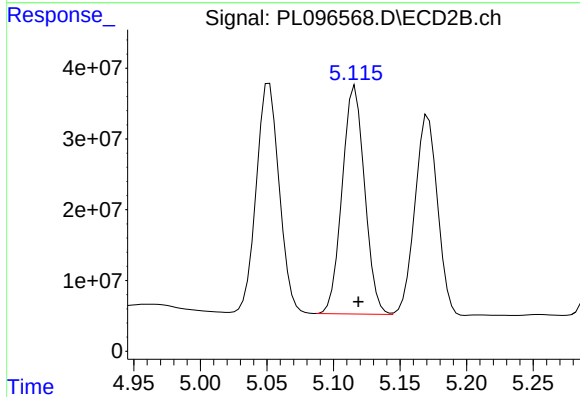
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 243123113
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

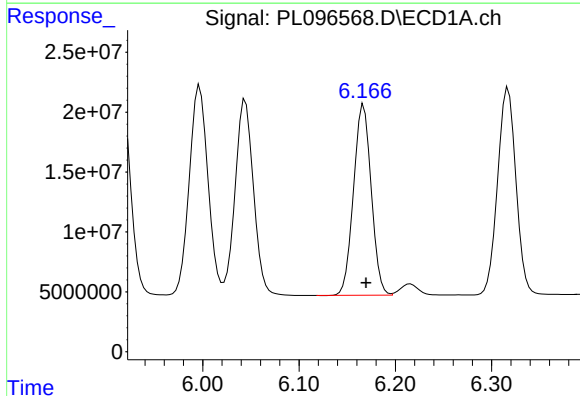
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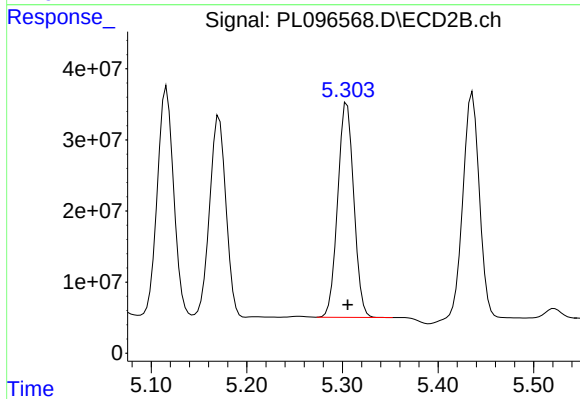
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 378417600
Conc: 50.32 ng/ml



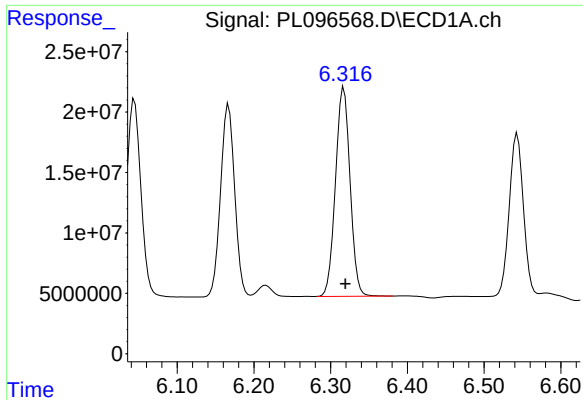
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 203314347
Conc: 54.84 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 353230616
Conc: 54.65 ng/ml



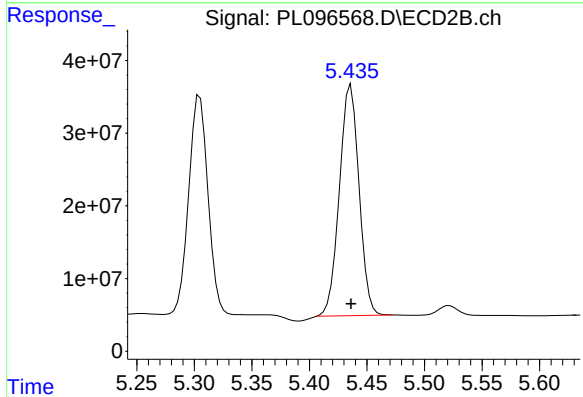
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 228445482
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

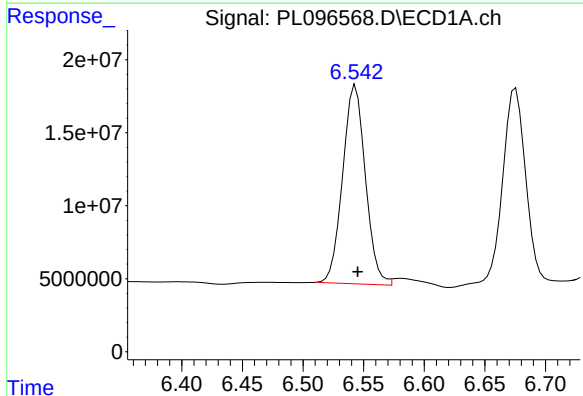
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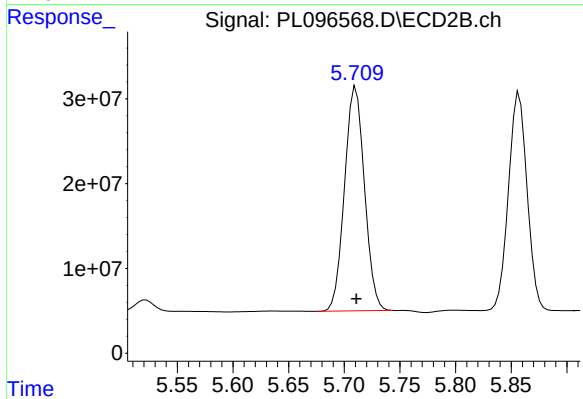
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 378596275
Conc: 55.52 ng/ml m



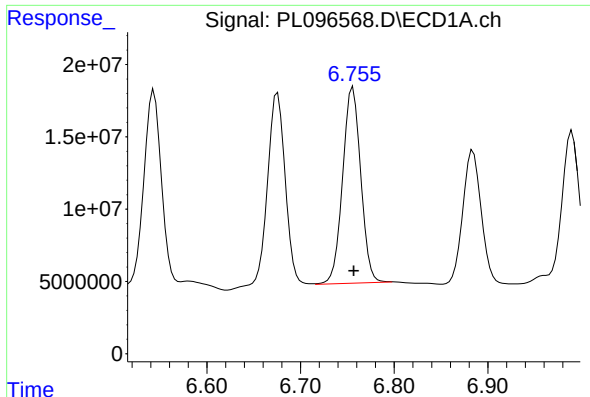
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 177564745
Conc: 57.09 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 330212191
Conc: 54.16 ng/ml



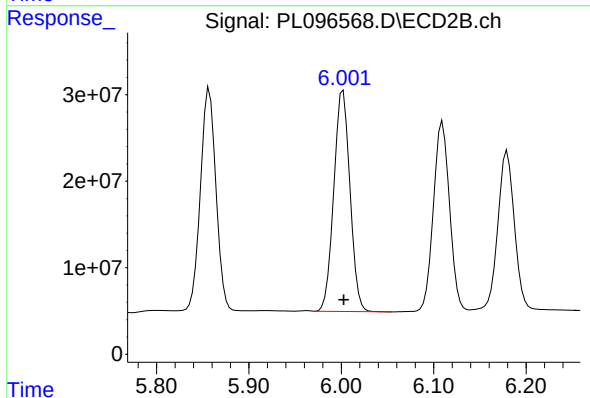
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 182282129
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

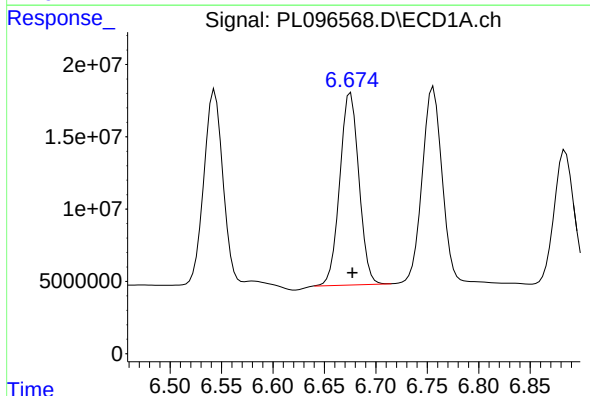
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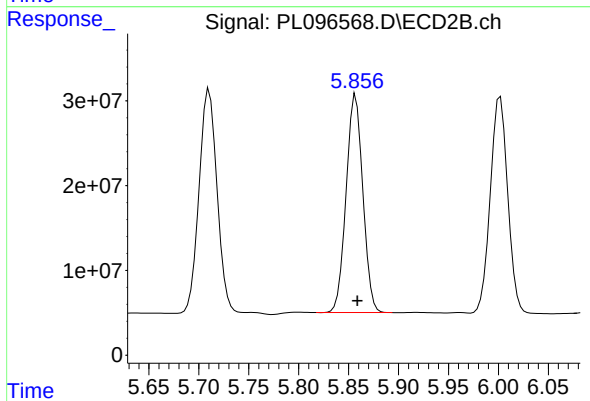
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 311223280
Conc: 53.07 ng/ml



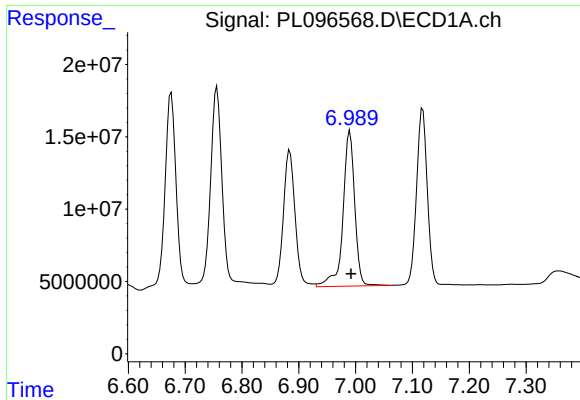
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 172486454
Conc: 59.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 300128804
Conc: 58.52 ng/ml



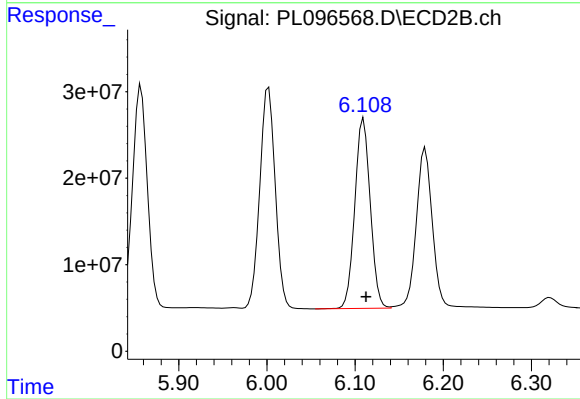
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 154391147
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

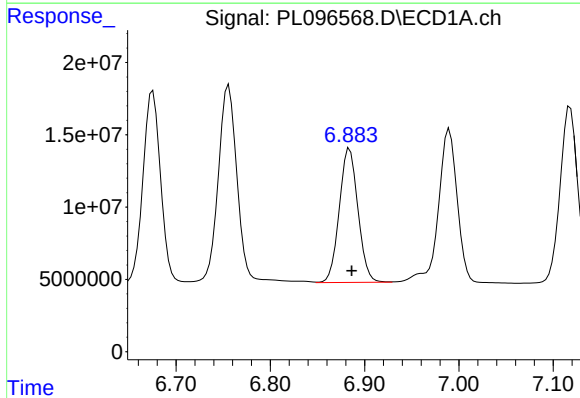
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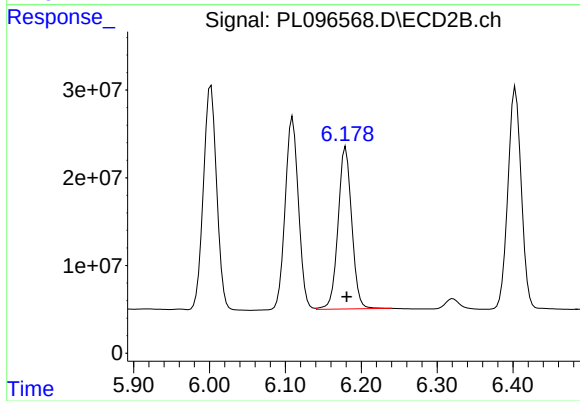
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 267338827
Conc: 46.61 ng/ml



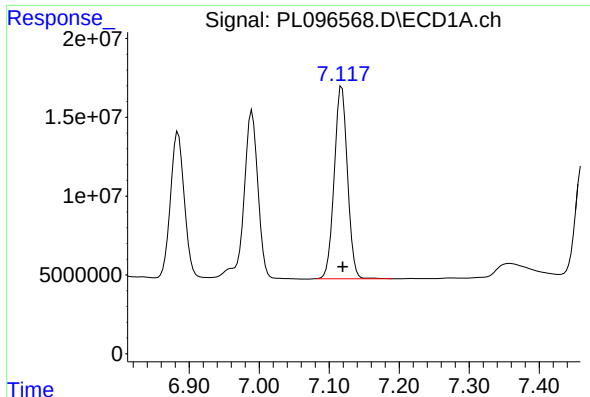
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: -0.004 min
Response: 127519633
Conc: 57.04 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 231666567
Conc: 52.01 ng/ml



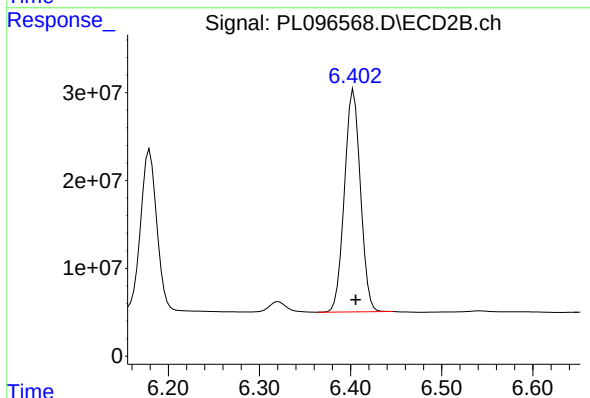
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 160174492
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

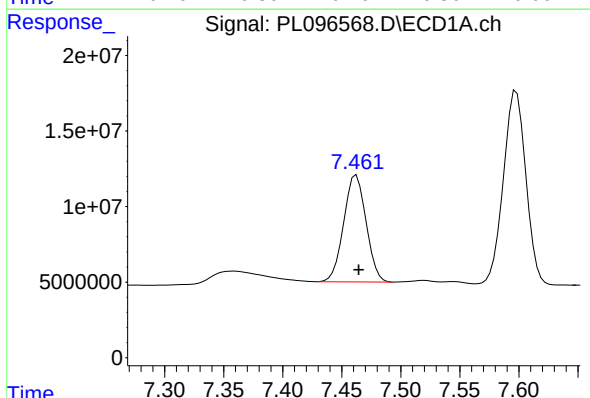
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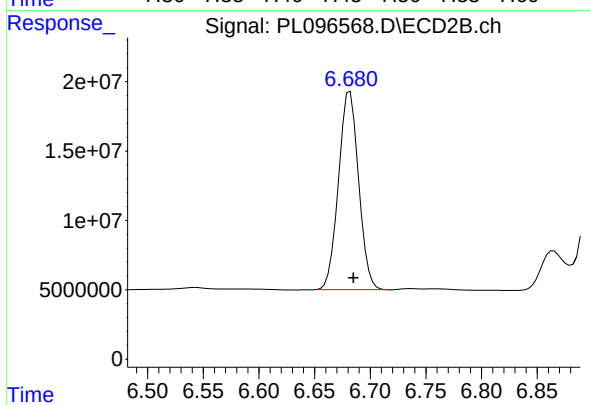
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 308755457
Conc: 54.90 ng/ml



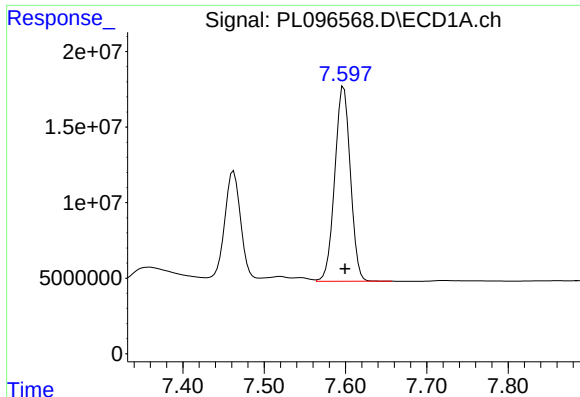
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.004 min
Response: 93403166
Conc: 59.29 ng/ml m



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 179276593
Conc: 59.02 ng/ml



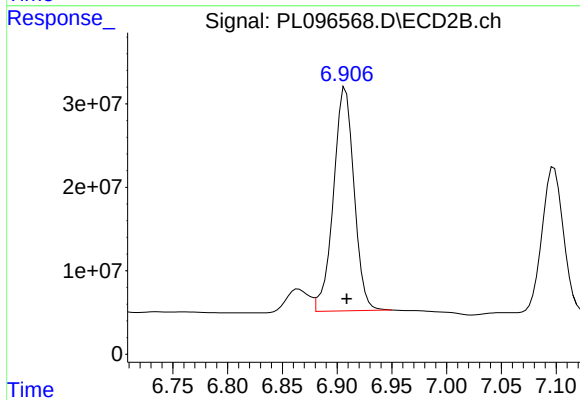
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 171949859
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

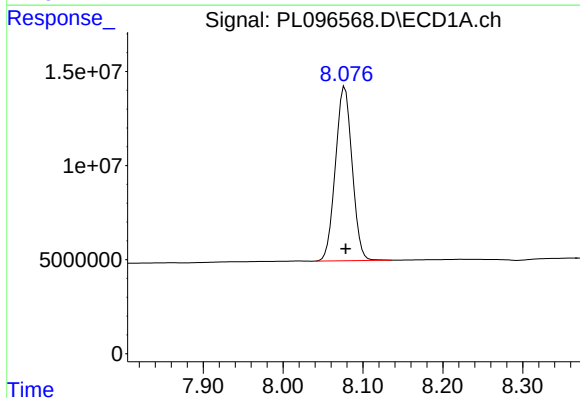
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APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



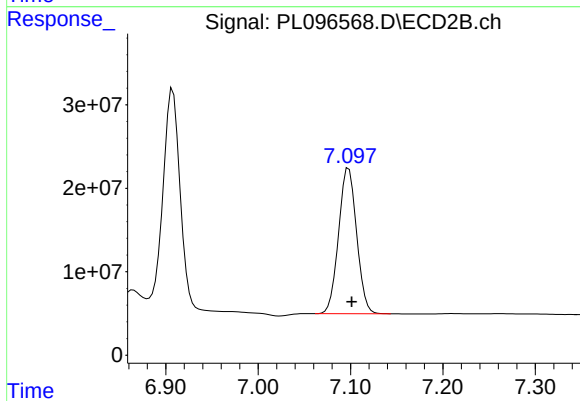
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 350525834
Conc: 56.06 ng/ml



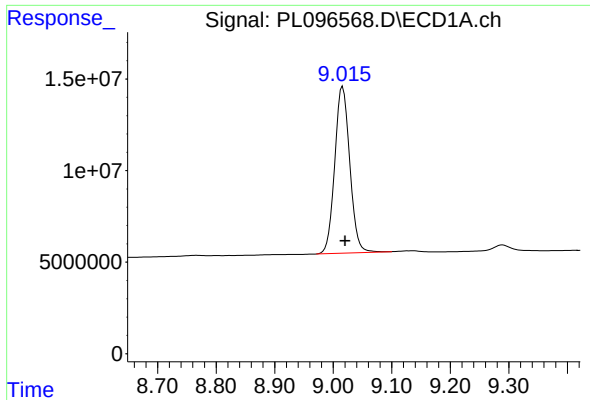
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 134295972
Conc: 48.27 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 236973006
Conc: 47.70 ng/ml



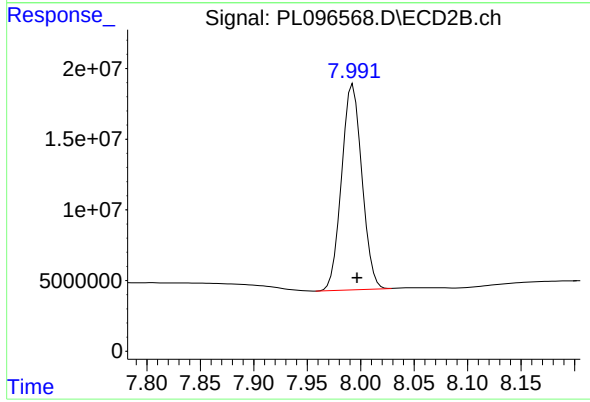
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 162603133
Conc: 57.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 192698357
Conc: 38.64 ng/ml