

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
 Data File : PL095451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 18:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:36:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.592	2.904	172.6E6	172.6E6	52.859	54.288
28)	SA Decachlor...	9.114	8.082	151.8E6	167.5E6	54.790	56.619
Target Compounds							
2)	A alpha-BHC	4.043	3.414	264.3E6	253.5E6	53.358	56.988
3)	MA gamma-BHC...	4.373	3.747	251.0E6	243.6E6	53.023m	55.392
4)	MA Heptachlor	4.972	4.101	238.1E6	231.3E6	52.042	53.082
5)	MB Aldrin	5.314	4.386	244.2E6	224.6E6	53.177	54.565
6)	B beta-BHC	4.560	4.040	107.7E6	111.1E6	52.085	53.537
7)	B delta-BHC	4.807	4.276	245.7E6	242.7E6	52.822m	55.377
8)	B Heptachlo...	5.735	4.888	216.9E6	208.2E6	54.167	53.897
9)	A Endosulfan I	6.117	5.261	207.4E6	198.2E6	54.611	54.141
10)	B gamma-Chl...	5.989	5.141	224.0E6	217.3E6	54.922	53.626
11)	B alpha-Chl...	6.070	5.205	222.7E6	214.3E6	54.771	53.825
12)	B 4,4'-DDE	6.238	5.391	214.8E6	216.2E6	54.779	53.153
13)	MA Dieldrin	6.391	5.526	213.1E6	216.7E6		

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
Data File : PL095451.D
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Acq On : 28 Apr 2025 18:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

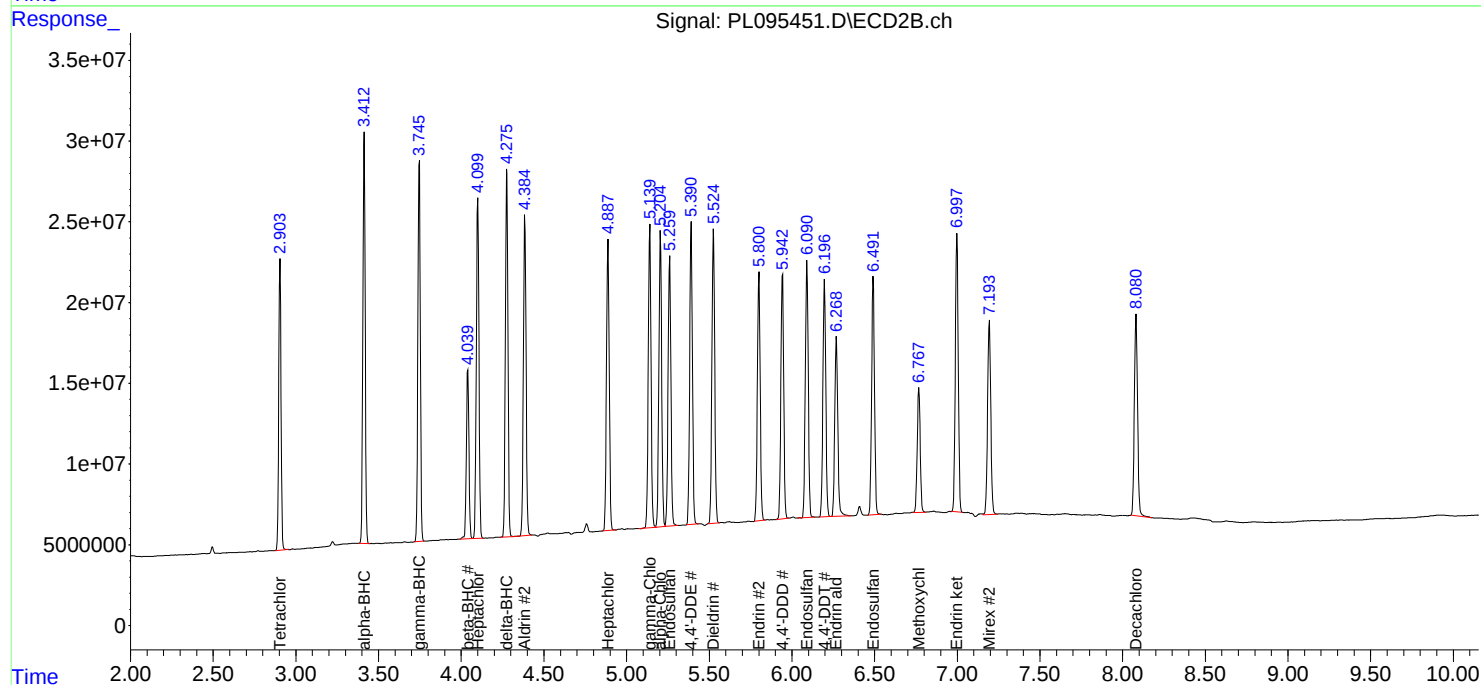
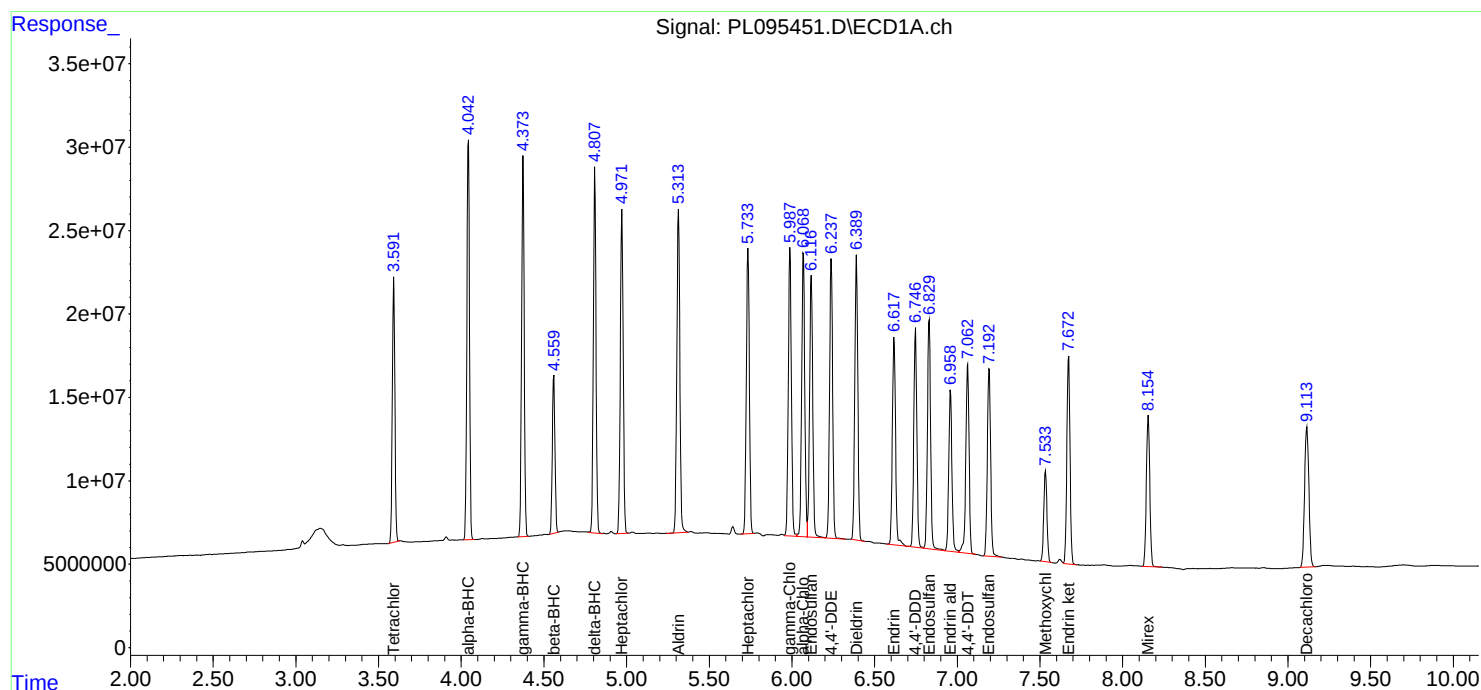
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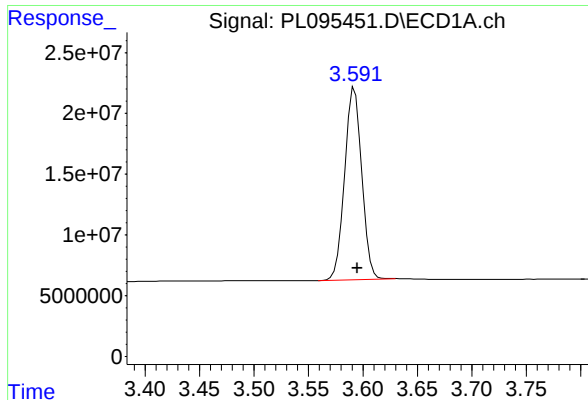
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:36:43 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





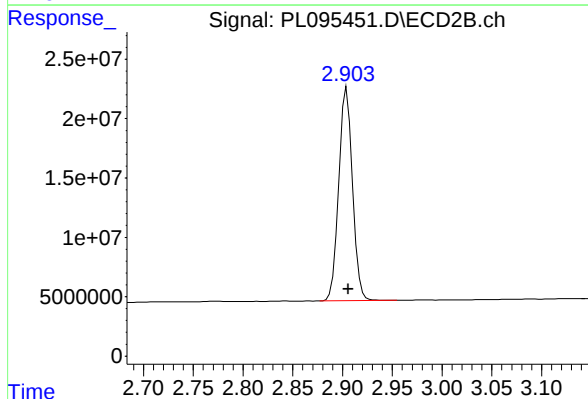
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.003 min
Response: 172565826
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

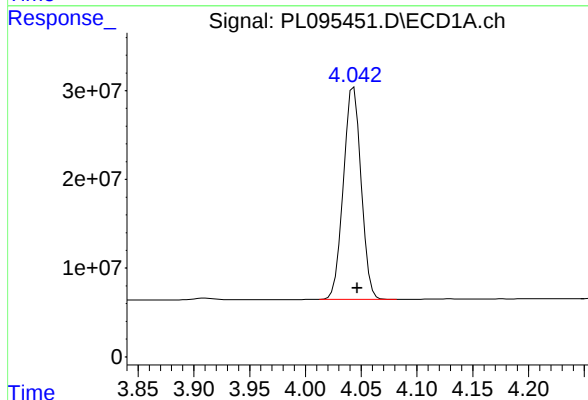
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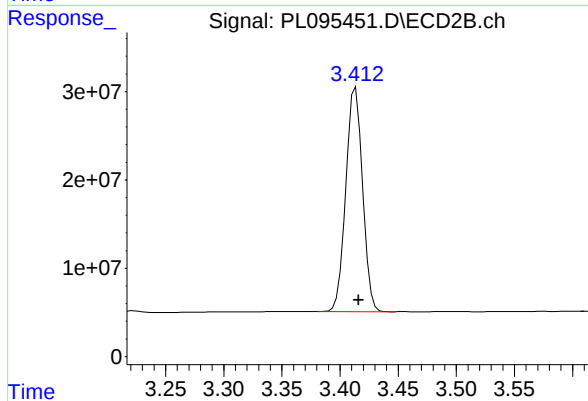
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.001 min
Response: 172620852
Conc: 54.29 ng/ml



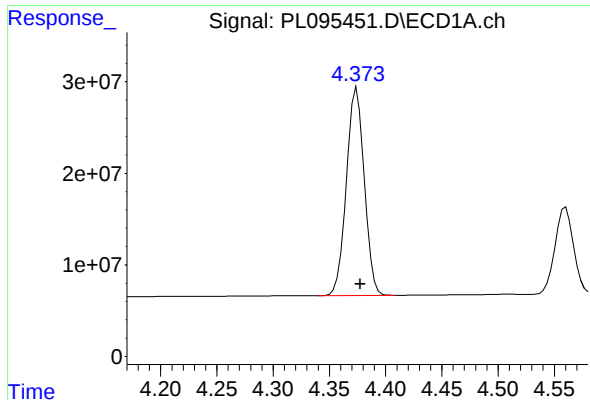
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 264320892
Conc: 53.36 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.003 min
Response: 253523716
Conc: 56.99 ng/ml



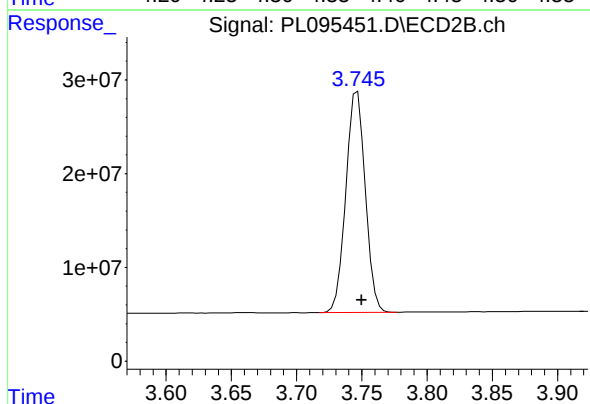
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 251007333
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

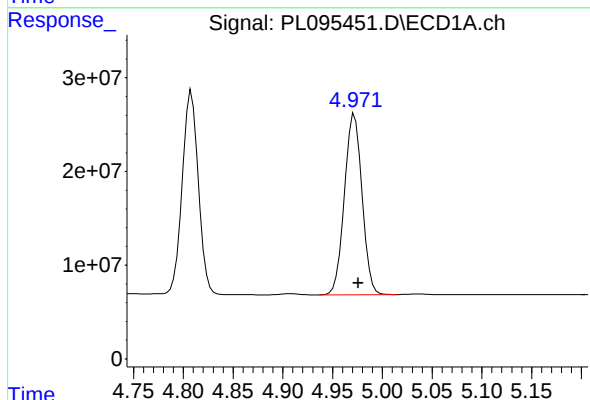
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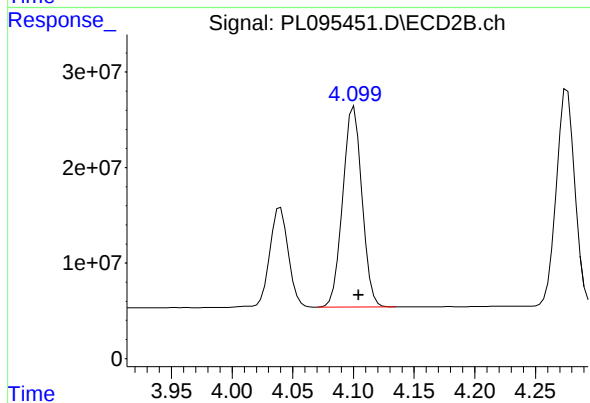
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 243628224
Conc: 55.39 ng/ml



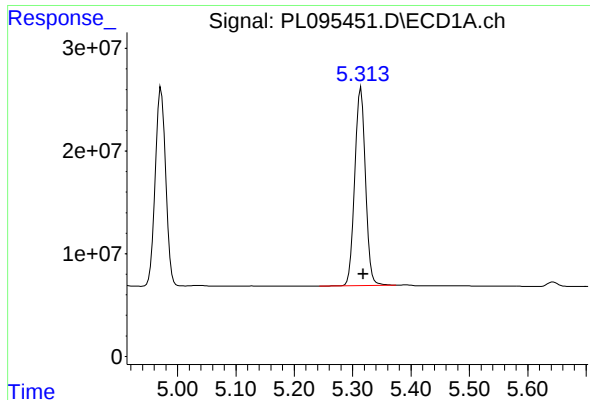
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 238064984
Conc: 52.04 ng/ml



#4 Heptachlor

R.T.: 4.101 min
Delta R.T.: -0.004 min
Response: 231262867
Conc: 53.08 ng/ml



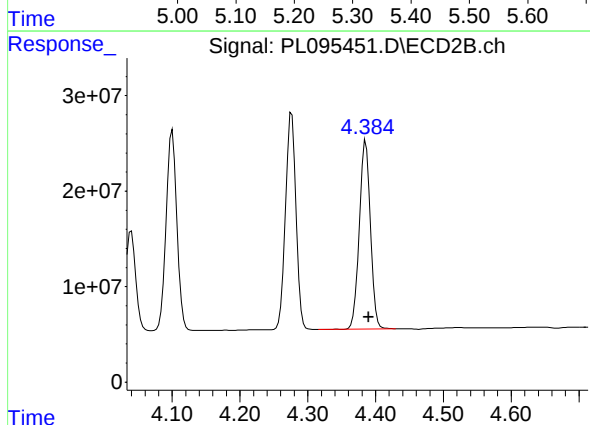
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 244242332
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

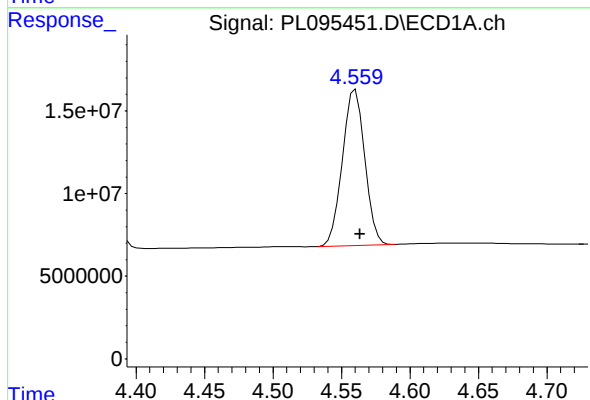
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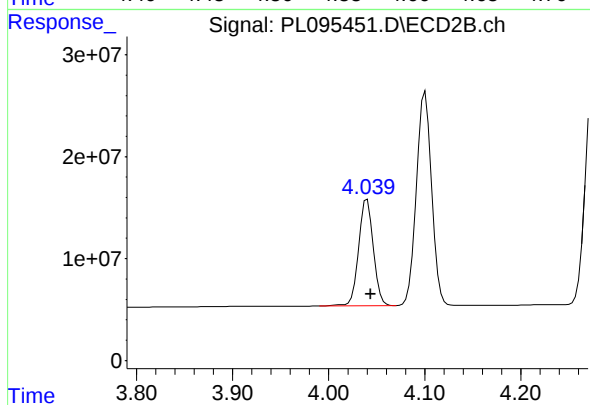
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: -0.004 min
Response: 224573916
Conc: 54.57 ng/ml



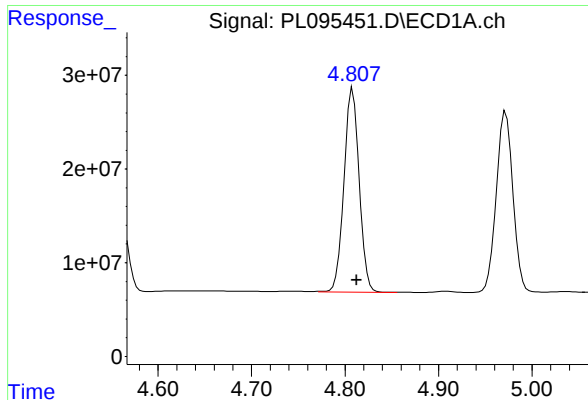
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 107685963
Conc: 52.08 ng/ml



#6 beta-BHC

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 111135903
Conc: 53.54 ng/ml



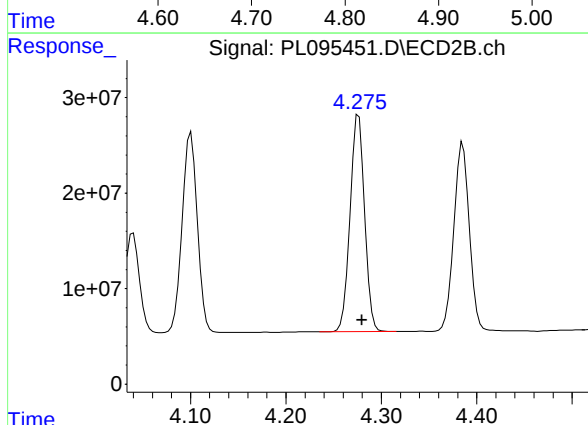
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 245660591
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

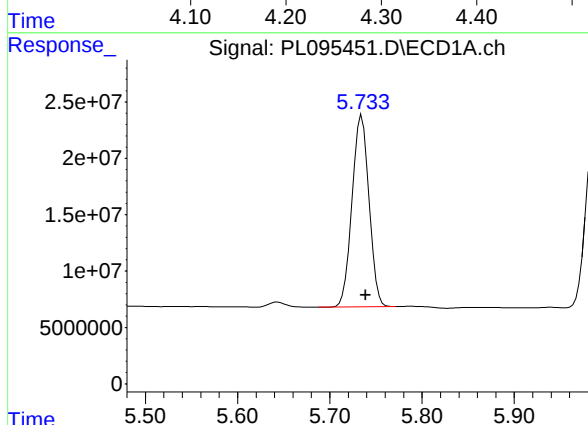
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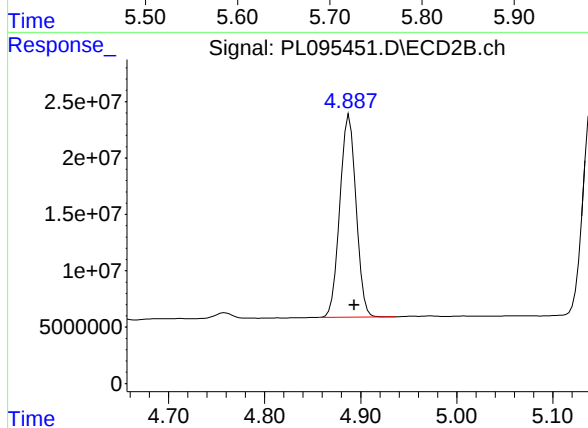
#7 delta-BHC

R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 242661100
Conc: 55.38 ng/ml



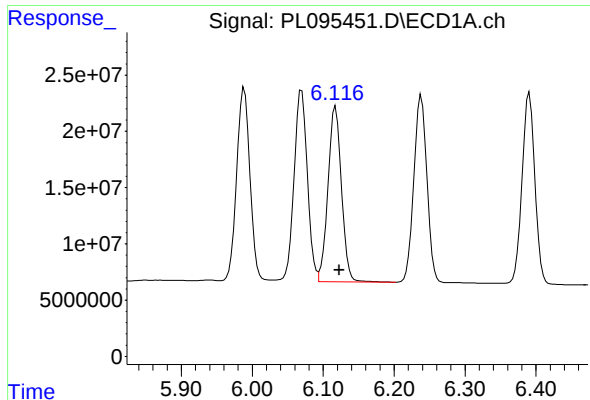
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 216945339
Conc: 54.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 208185381
Conc: 53.90 ng/ml



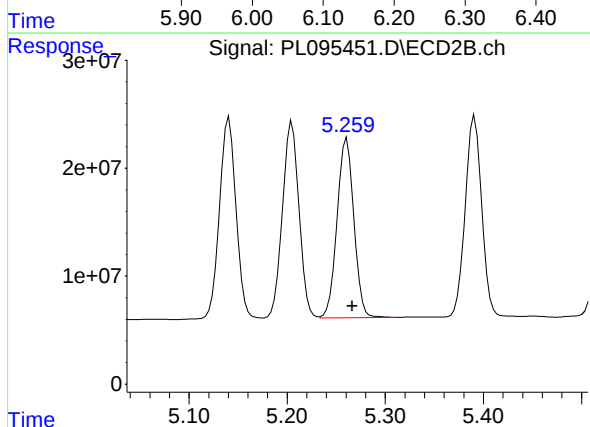
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 207386575
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

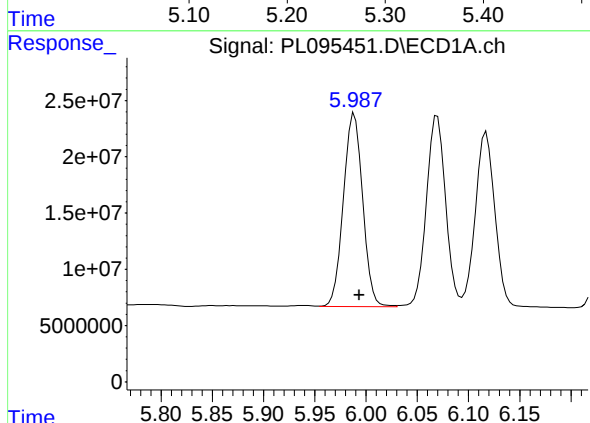
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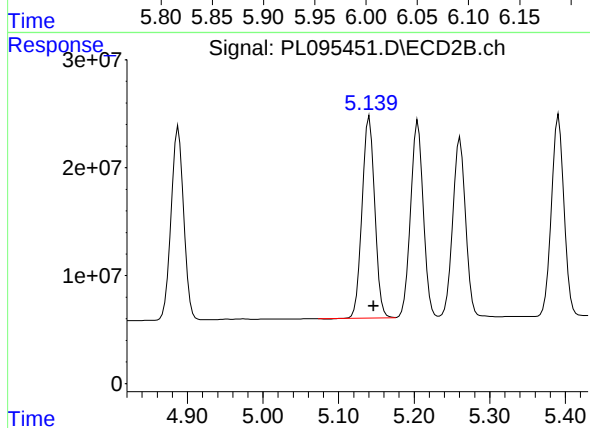
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 198179761
Conc: 54.14 ng/ml



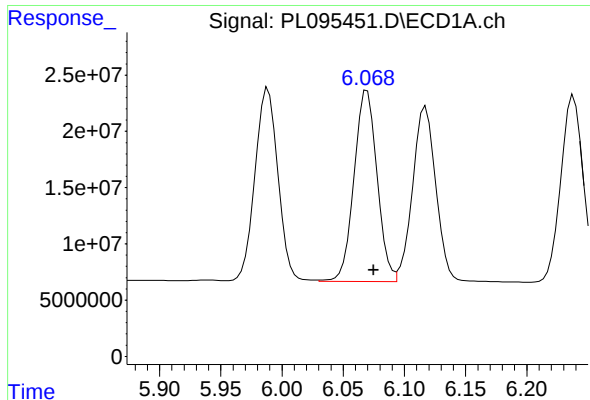
#10 gamma-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 224047344
Conc: 54.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.006 min
Response: 217329585
Conc: 53.63 ng/ml



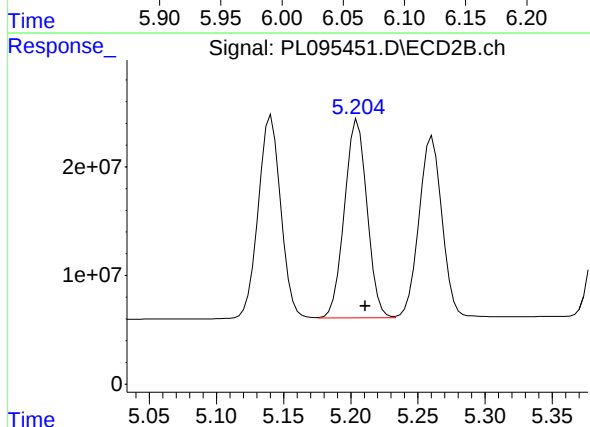
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 222705903
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

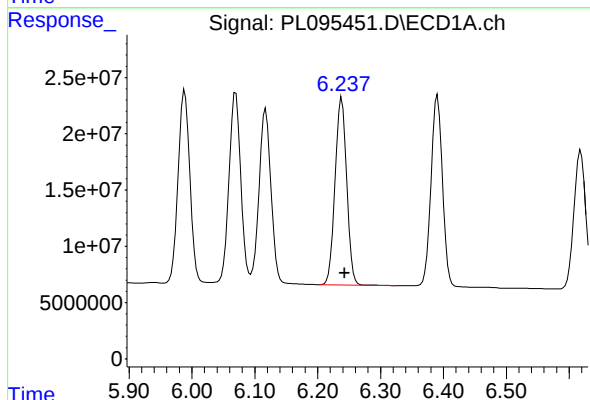
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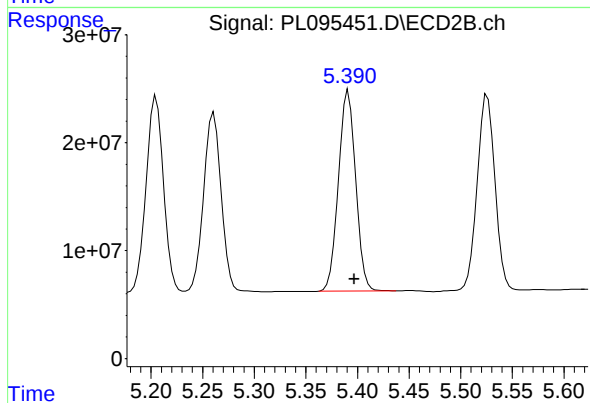
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.006 min
Response: 214280820
Conc: 53.83 ng/ml



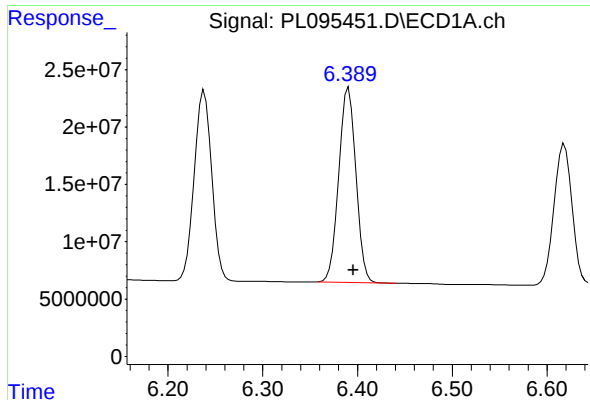
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 214763519
Conc: 54.78 ng/ml



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.006 min
Response: 216173386
Conc: 53.15 ng/ml



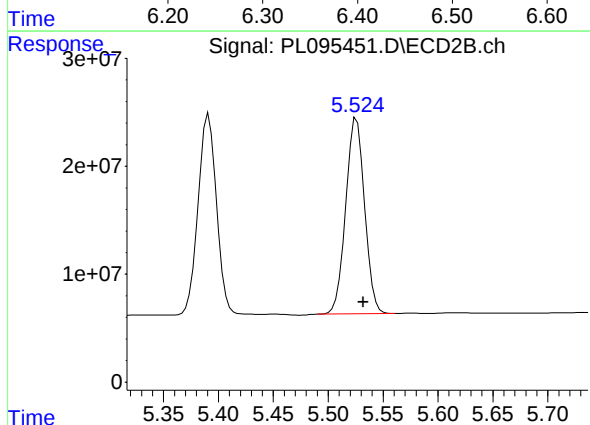
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 213126675
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

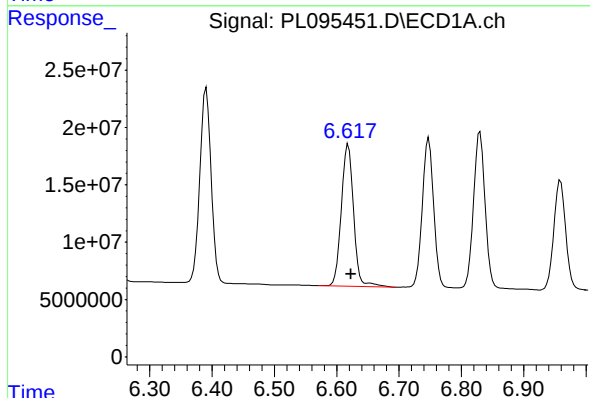
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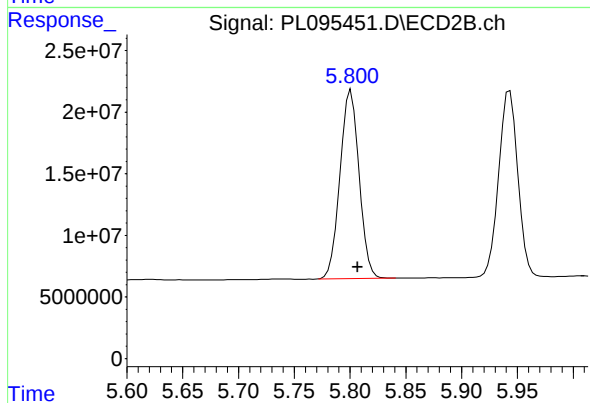
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 216681513
Conc: 53.28 ng/ml



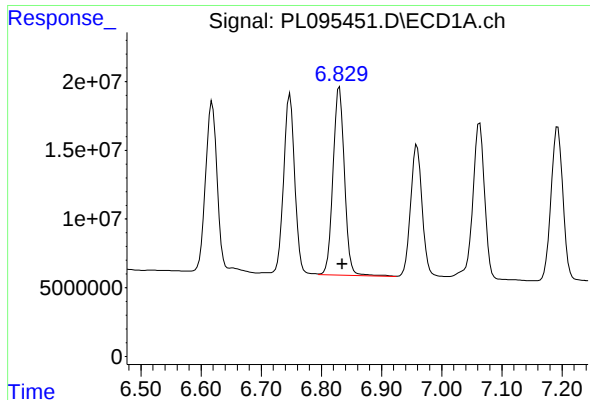
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 169264300
Conc: 53.15 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.006 min
Response: 181821231
Conc: 49.94 ng/ml



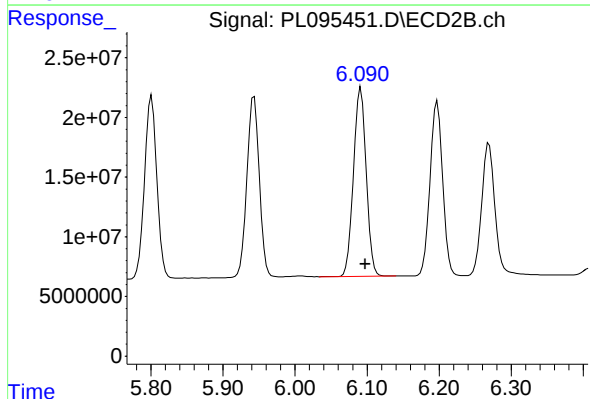
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 182005014
Conc: 57.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

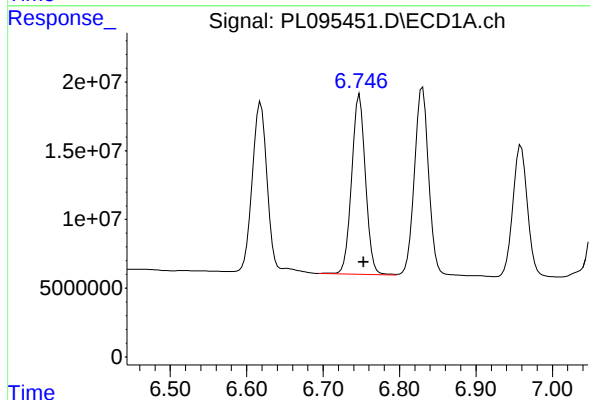
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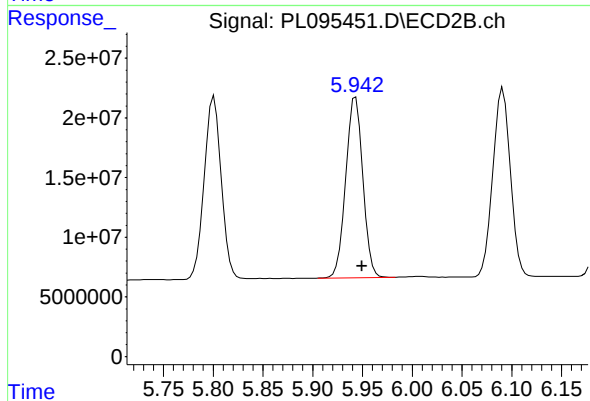
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 194304216
Conc: 54.11 ng/ml



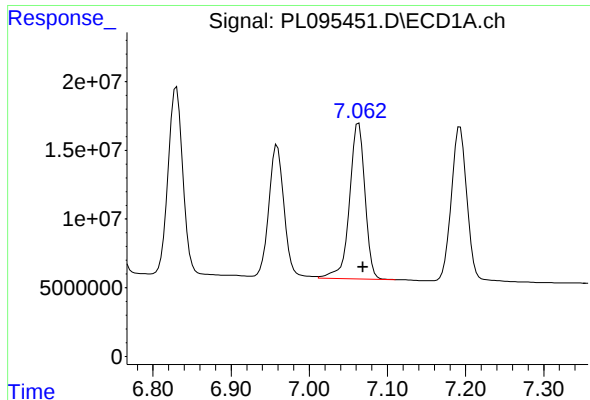
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 166493713
Conc: 58.81 ng/ml



#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 181339682
Conc: 55.51 ng/ml



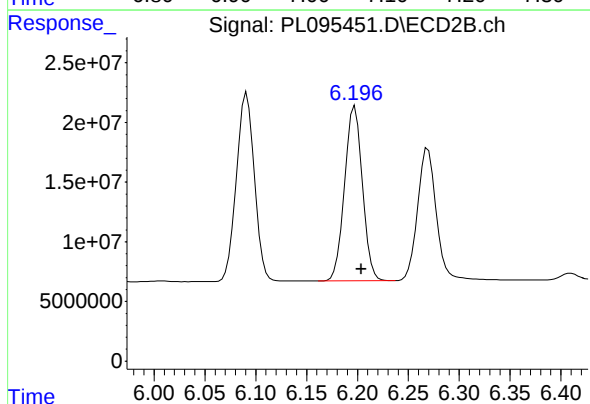
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.005 min
Response: 154931281
Conc: 54.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

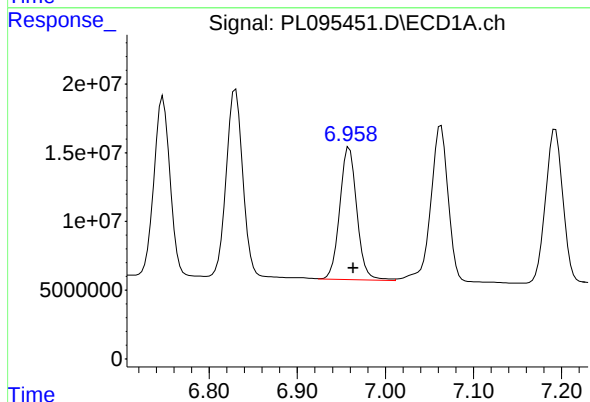
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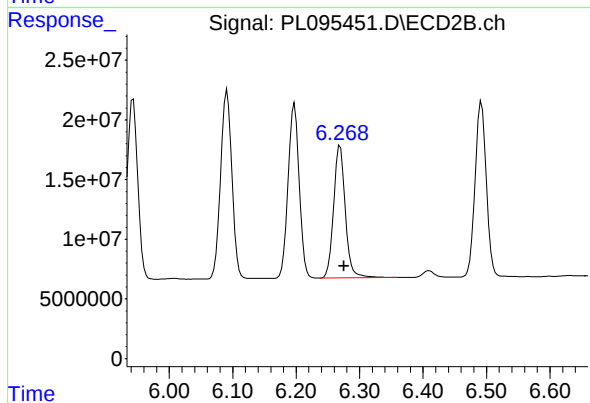
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.006 min
Response: 178244505
Conc: 51.87 ng/ml



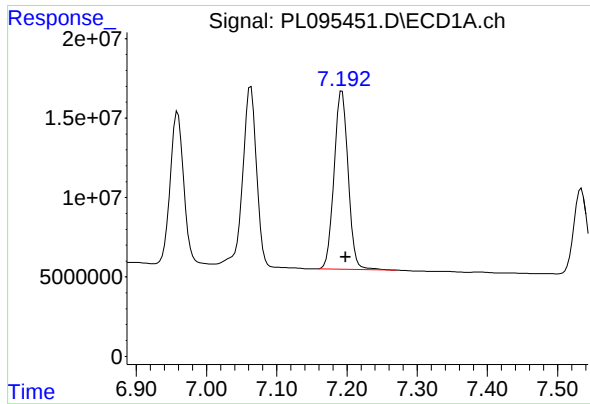
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 130220961
Conc: 56.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 142045996
Conc: 54.36 ng/ml



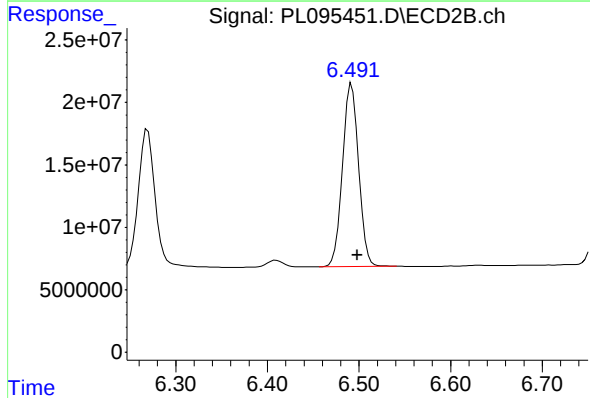
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 155653995
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

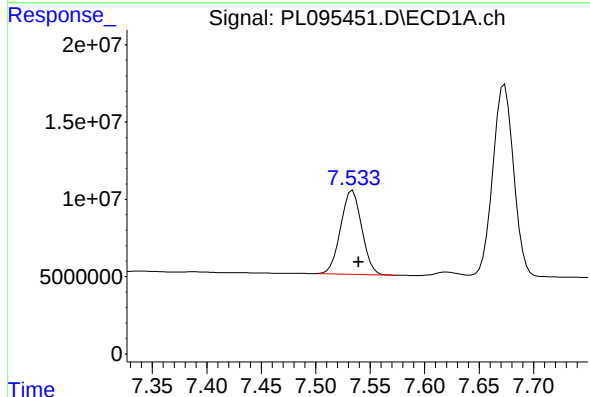
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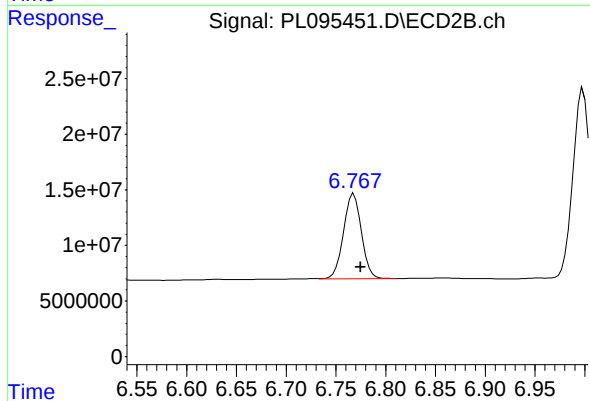
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: -0.006 min
Response: 179822939
Conc: 54.20 ng/ml



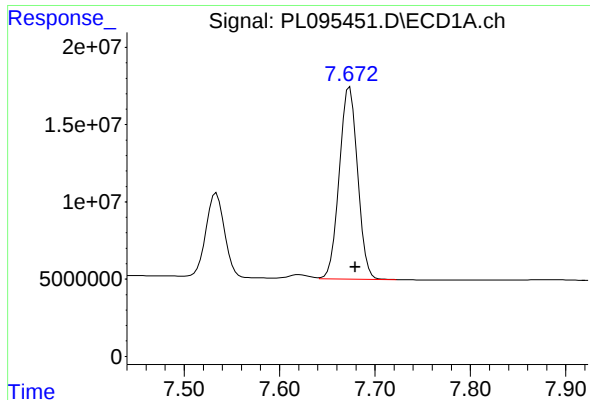
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 72562078
Conc: 52.01 ng/ml



#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.008 min
Response: 96009994
Conc: 50.33 ng/ml m



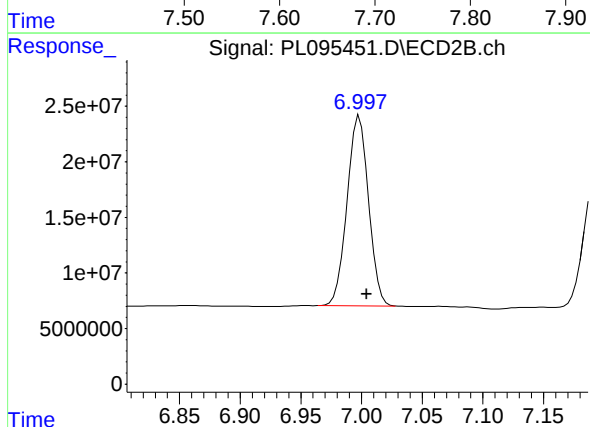
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 165613167
Conc: 58.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

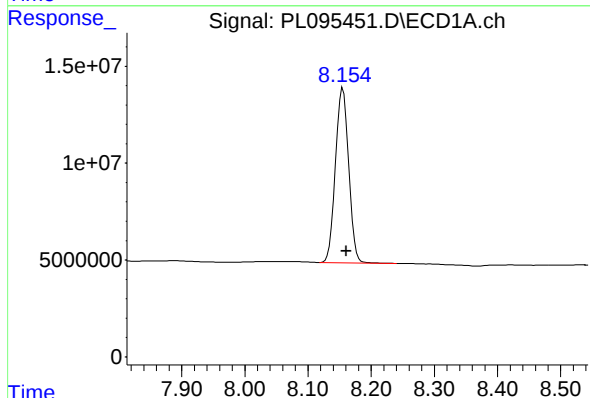
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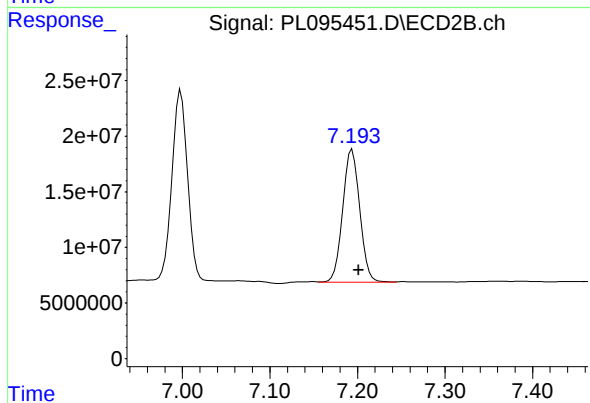
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: -0.007 min
Response: 210933176
Conc: 59.90 ng/ml m



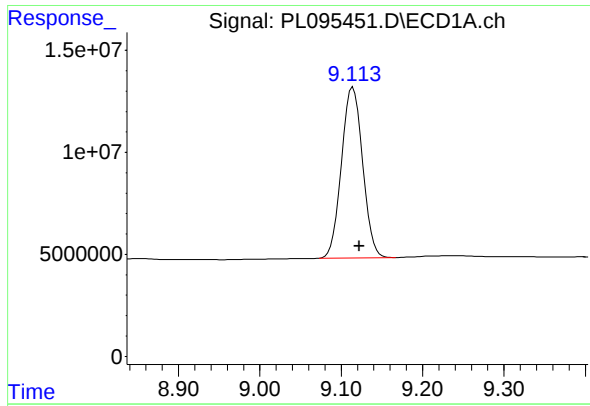
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.005 min
Response: 131359260
Conc: 55.28 ng/ml



#22 Mirex

R.T.: 7.193 min
Delta R.T.: -0.009 min
Response: 161953522
Conc: 56.19 ng/ml m



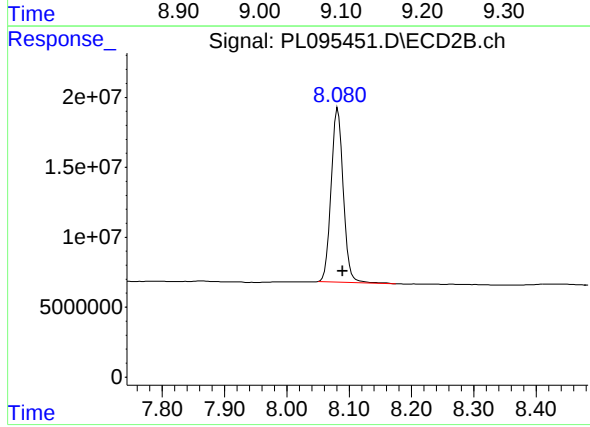
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: -0.008 min
Response: 151812184
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.008 min
Response: 167549987
Conc: 56.62 ng/ml