

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
 Data File : PL095601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 18:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:13:21 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...	3.593	2.911	145.6E6	173.9E6	44.594	54.686
28)	SA Decachlor...	9.117	8.089	119.7E6	144.2E6	43.195	48.740
Target Compounds							
2)	A alpha-BHC	4.044	3.421	215.3E6	265.7E6	43.471	59.725 #
3)	MA gamma-BHC...	4.373	3.754	205.8E6	250.9E6	43.476m	57.057 #
4)	MA Heptachlor	4.973	4.108	197.5E6	238.2E6	43.174	54.685 #
5)	MB Aldrin	5.313	4.392	212.1E6	235.8E6	46.178m	57.297m
6)	B beta-BHC	4.560	4.046	90907196	111.9E6	43.969	53.883m
7)	B delta-BHC	4.807	4.284	202.1E6	253.0E6	43.452m	57.728 #
8)	B Heptachlo...	5.734	4.896	187.6E6	215.6E6	46.842m	55.818
9)	A Endosulfan I	6.117	5.269	172.6E6	194.5E6	45.462m	53.123
10)	B gamma-Chl...	5.988	5.147	193.7E6	224.0E6	47.490m	55.276m
11)	B alpha-Chl...	6.069	5.213	187.7E6	218.0E6	46.172m	54.752
12)	B 4,4'-DDE	6.239	5.399	173.2E6	222.3E6	44.183	54.654
13)	MA Dieldrin	6.391	5.533	178.1E6	231.3E6	46.191	56.871m
14)	MA Endrin	6.617	5.809	146.1E6	204.0E6	45.861m	56.040
15)	B Endosulfa...	6.830	6.100	150.8E6	202.1E6	47.230m	56.280
16)	A 4,4'-DDD	6.747	5.951	138.3E6	193.9E6	48.836m	59.359
17)	MA 4,4'-DDT	7.064	6.205	132.0E6	187.9E6	46.356	54.687
18)	B Endrin al...	6.959	6.278	106.7E6	143.5E6	45.964m	54.920
19)	B Endosulfa...	7.193	6.501	130.5E6	182.7E6	46.582	55.051
20)	A Methoxychlor	7.535	6.774	60882346	101.6E6	43.639	53.258m
21)	B Endrin ke...	7.674	7.007	133.6E6	213.7E6	46.867	60.698 #
22)	Mirex	8.157	7.202	107.2E6	154.7E6	45.133	53.667m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
Data File : PL095601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 18:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

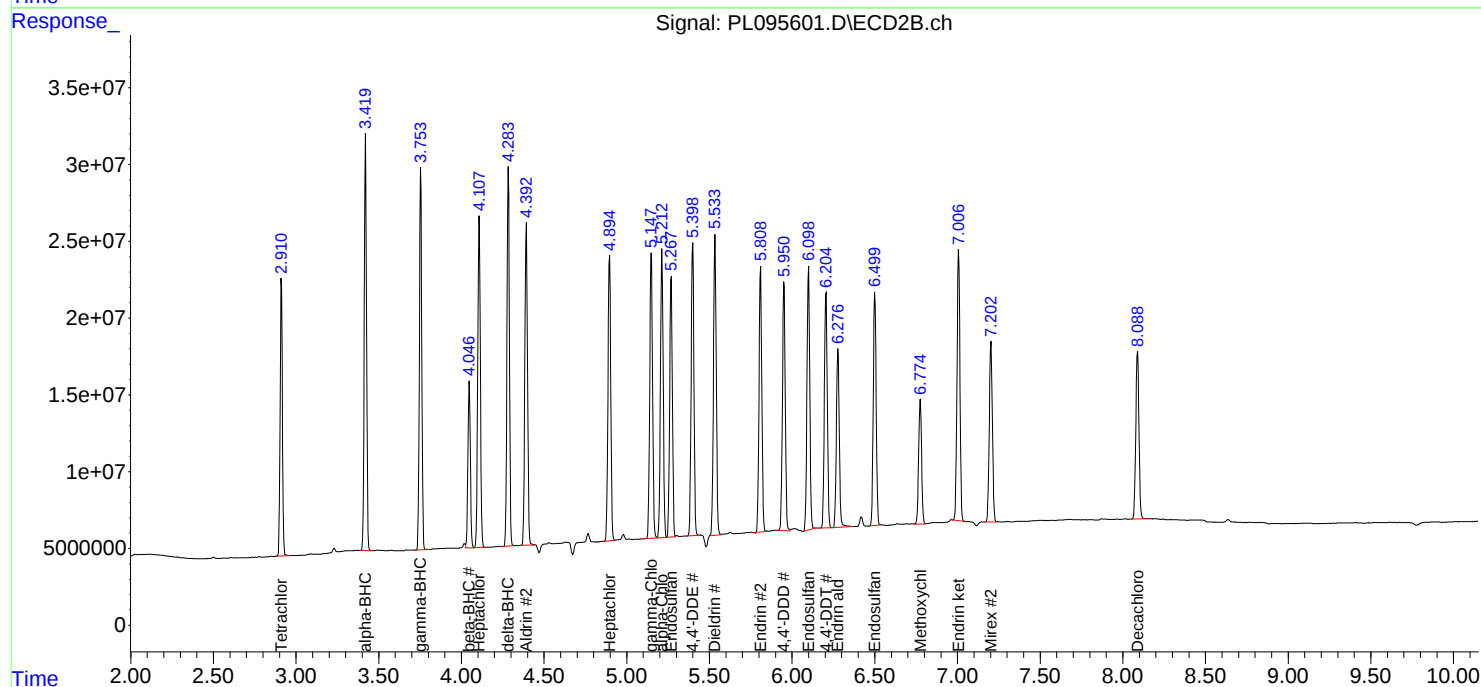
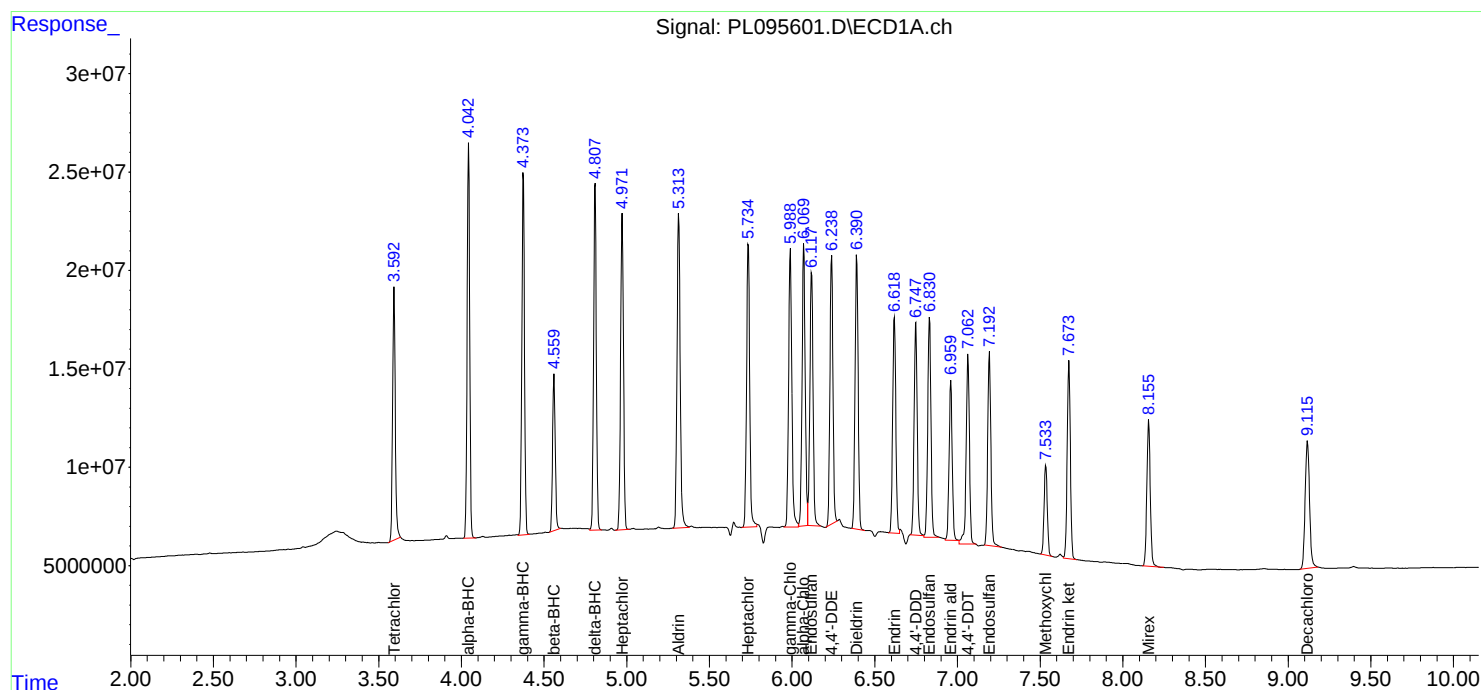
APPROVED

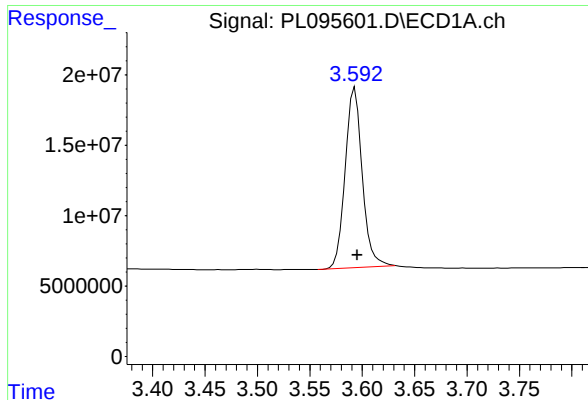
Reviewed By :Abdul Mirza 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 04:13:21 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





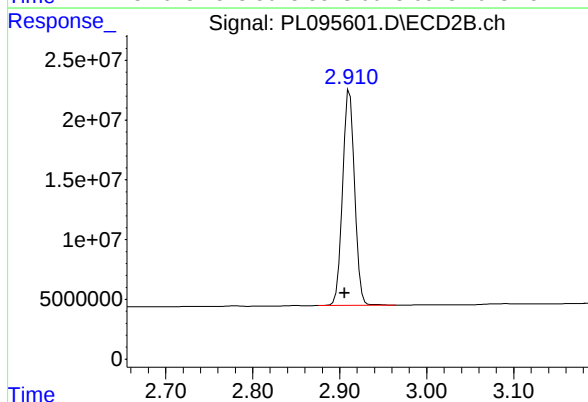
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 145584030
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

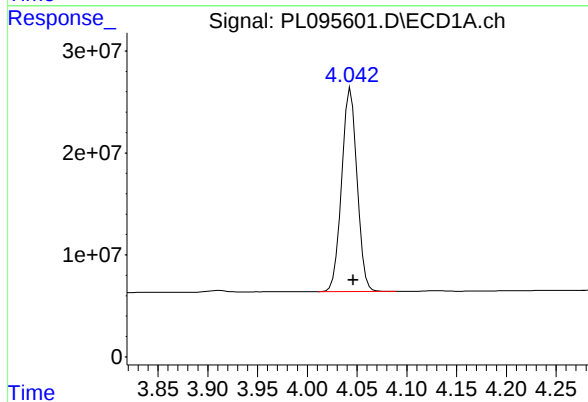
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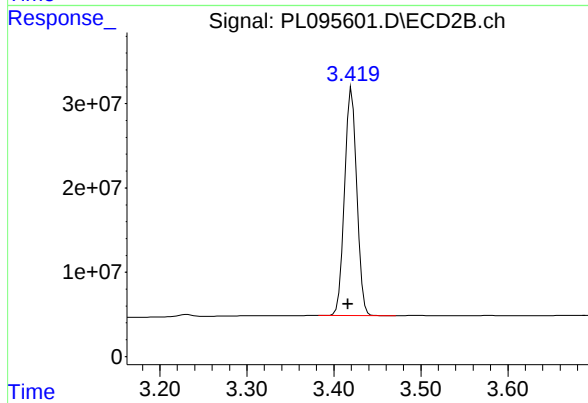
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.006 min
Response: 173887772
Conc: 54.69 ng/ml



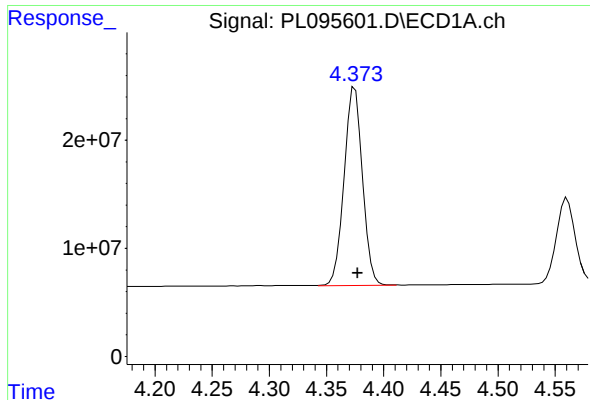
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 215345656
Conc: 43.47 ng/ml



#2 alpha-BHC

R.T.: 3.421 min
Delta R.T.: 0.004 min
Response: 265701334
Conc: 59.73 ng/ml



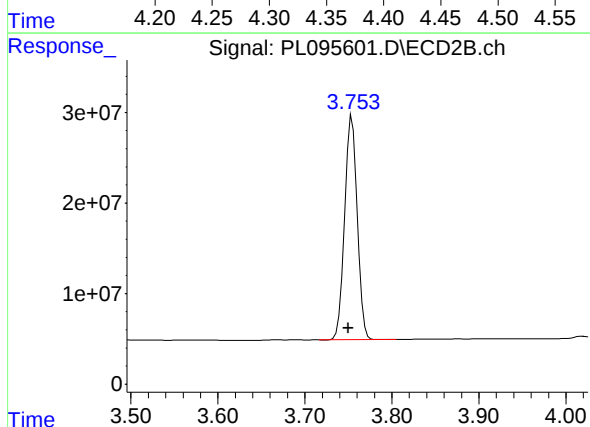
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 205814465
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

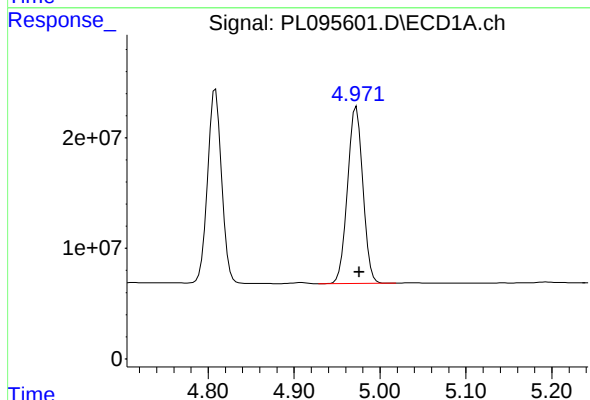
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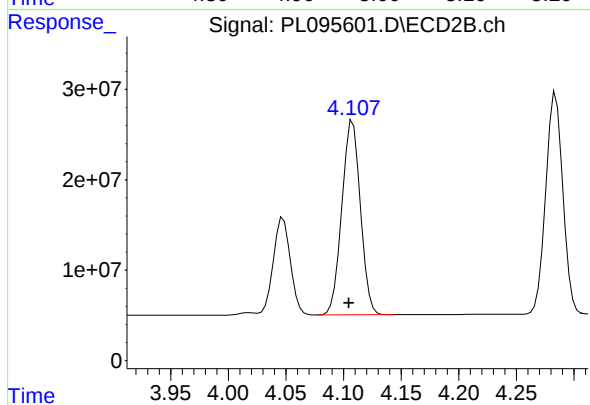
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.004 min
Response: 250948429
Conc: 57.06 ng/ml



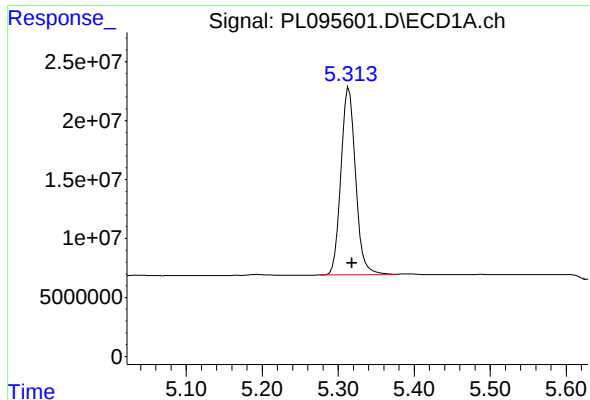
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 197498147
Conc: 43.17 ng/ml



#4 Heptachlor

R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 238248257
Conc: 54.69 ng/ml



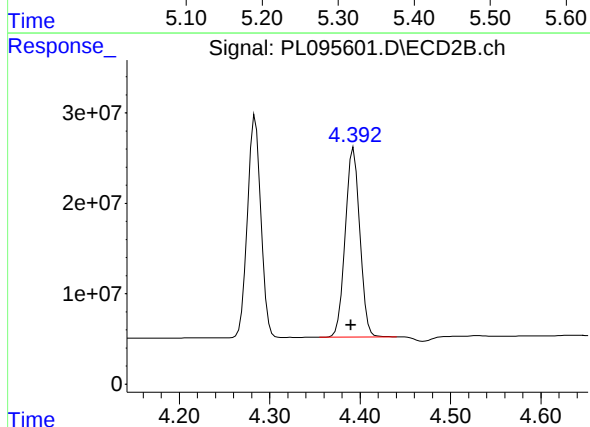
#5 Aldrin

R.T.: 5.313 min
Delta R.T.: -0.005 min
Response: 212098296
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

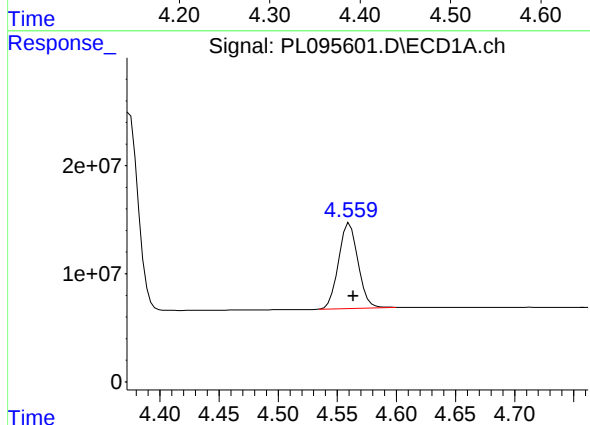
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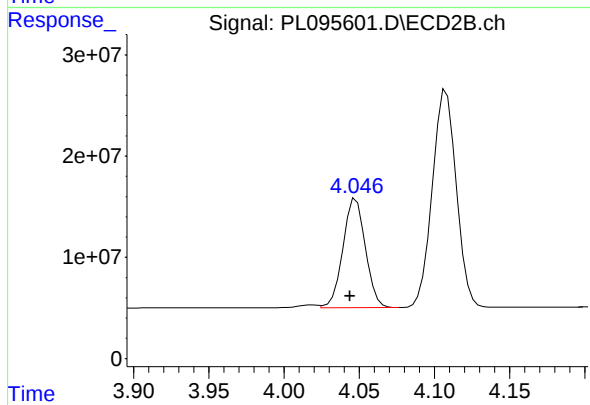
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.002 min
Response: 235815661
Conc: 57.30 ng/ml m



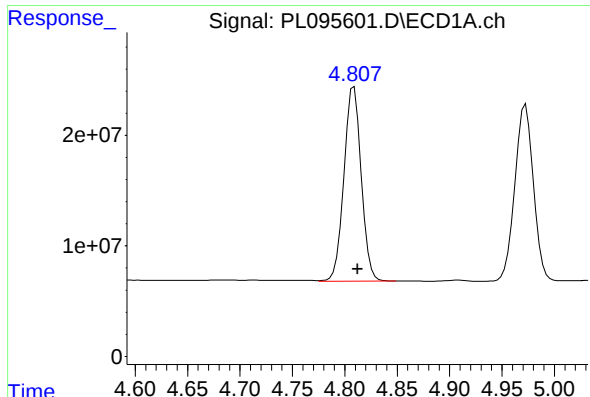
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 90907196
Conc: 43.97 ng/ml



#6 beta-BHC

R.T.: 4.046 min
Delta R.T.: 0.003 min
Response: 111853105
Conc: 53.88 ng/ml m



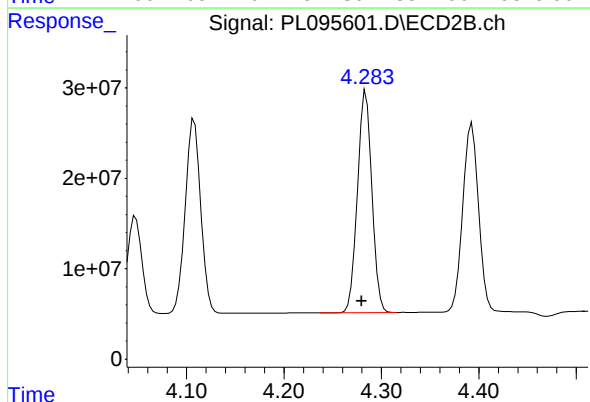
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 202082717
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

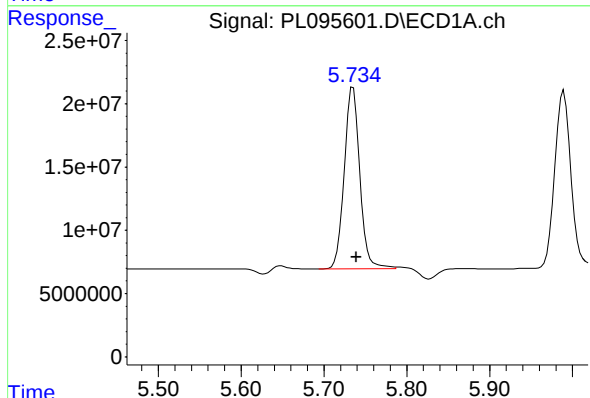
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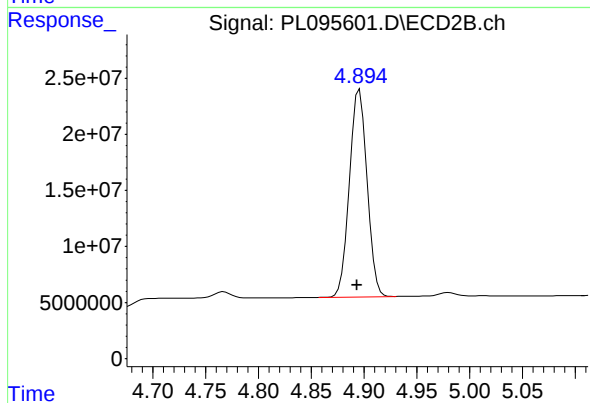
#7 delta-BHC

R.T.: 4.284 min
Delta R.T.: 0.004 min
Response: 252959815
Conc: 57.73 ng/ml



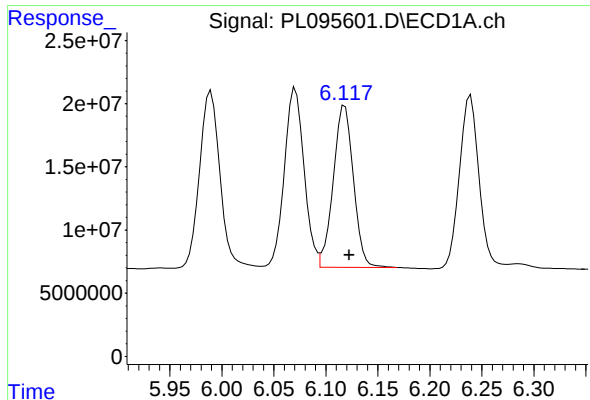
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 187610446
Conc: 46.84 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 215607517
Conc: 55.82 ng/ml



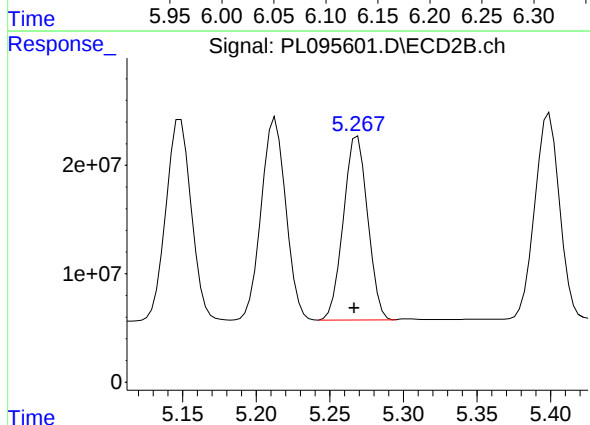
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 172640883
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

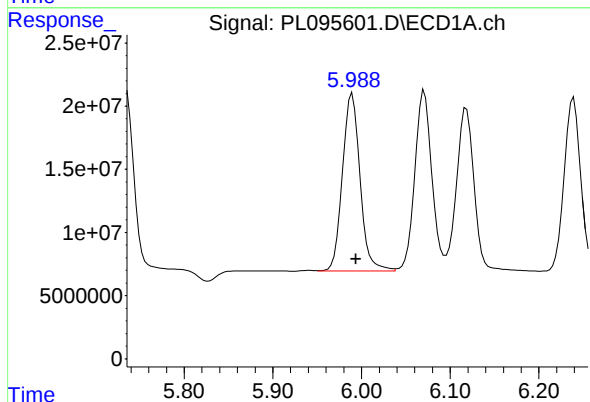
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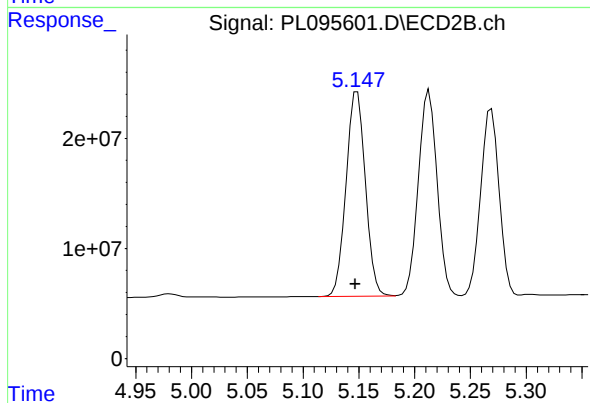
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 194452942
Conc: 53.12 ng/ml



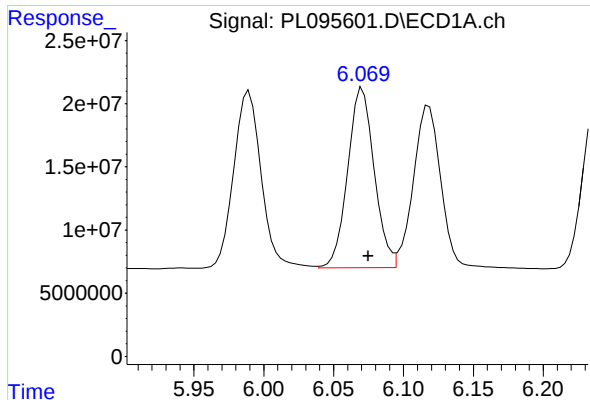
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 193729098
Conc: 47.49 ng/ml m



#10 gamma-Chlordane

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 224014652
Conc: 55.28 ng/ml m



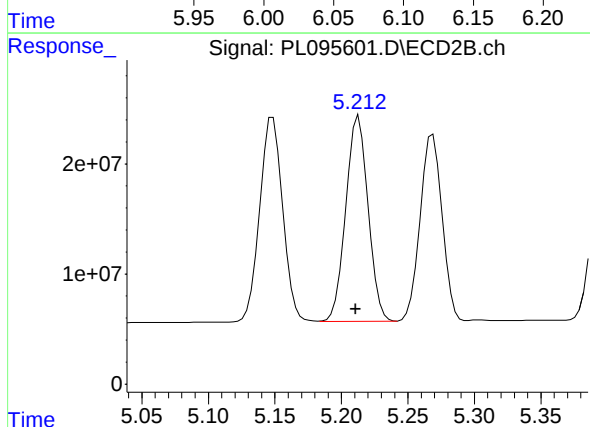
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 187739625
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

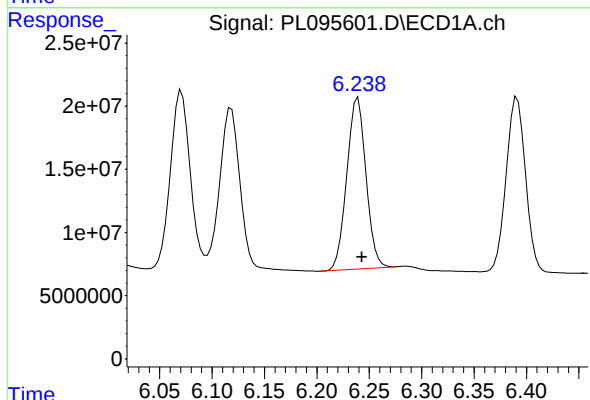
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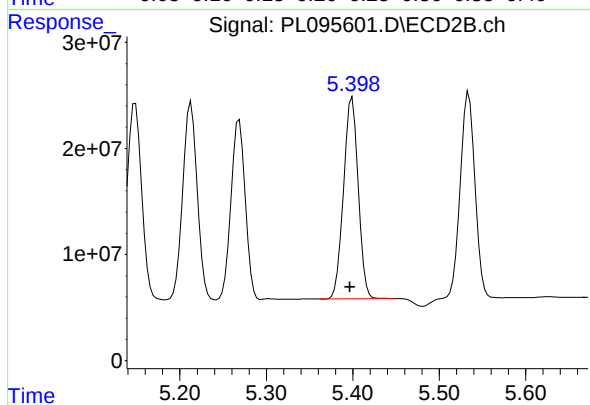
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 217972685
Conc: 54.75 ng/ml



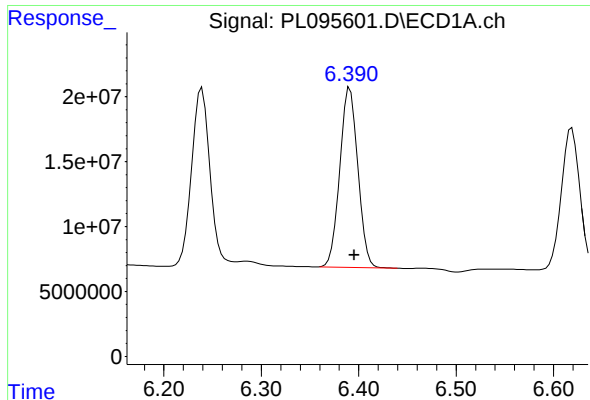
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 173220575
Conc: 44.18 ng/ml



#12 4,4'-DDE

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 222277424
Conc: 54.65 ng/ml



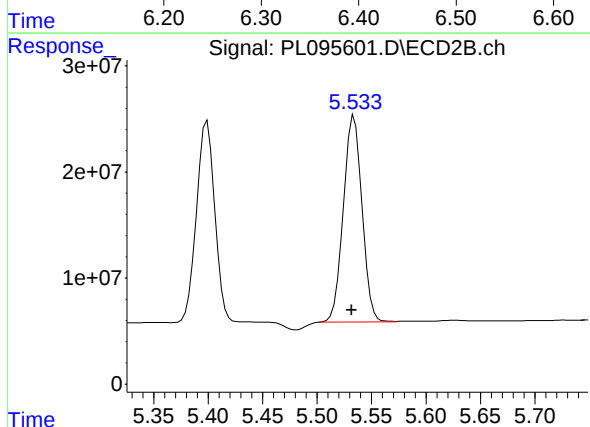
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 178057088
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

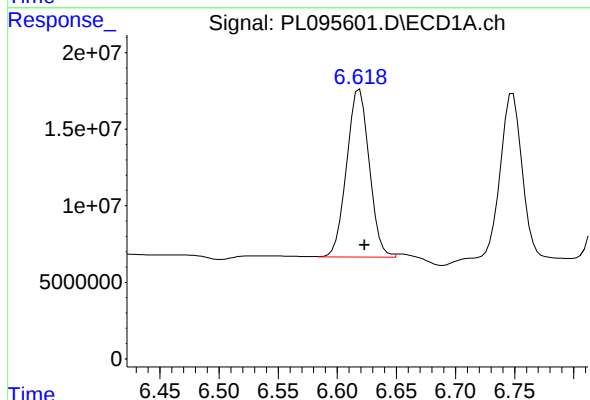
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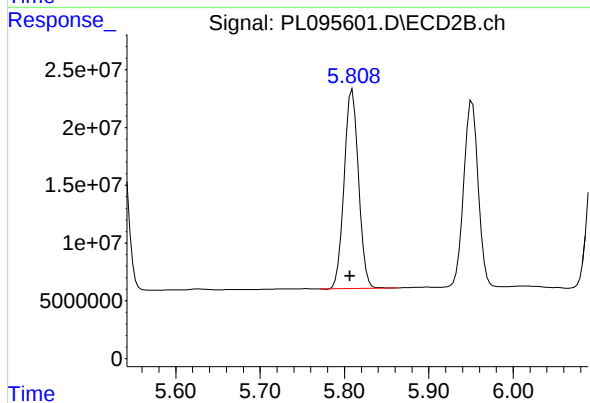
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 231299935
Conc: 56.87 ng/ml m



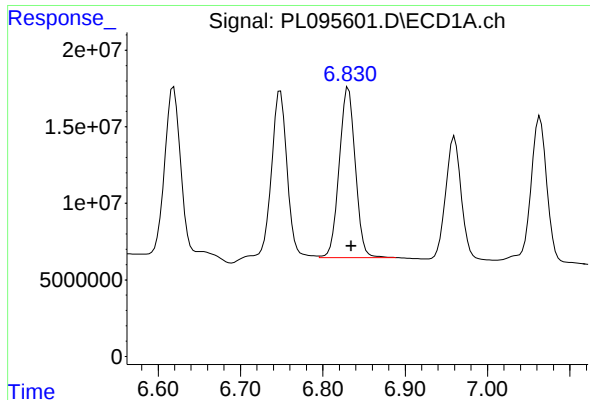
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.006 min
Response: 146056696
Conc: 45.86 ng/ml m



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 204024893
Conc: 56.04 ng/ml



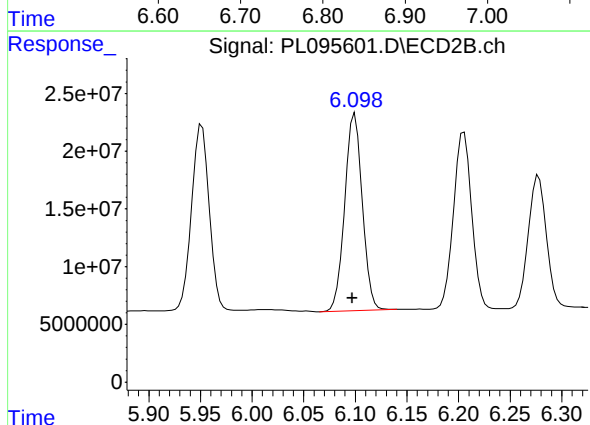
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 150764079
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

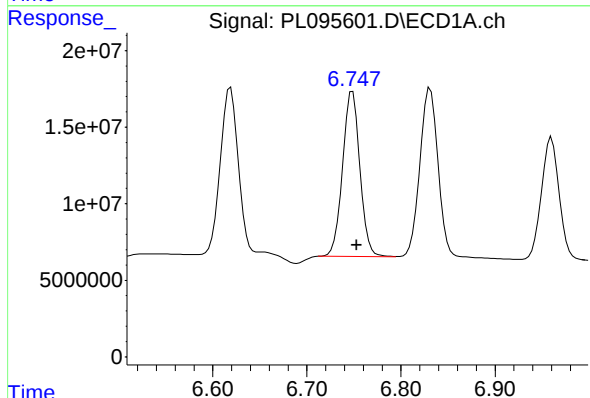
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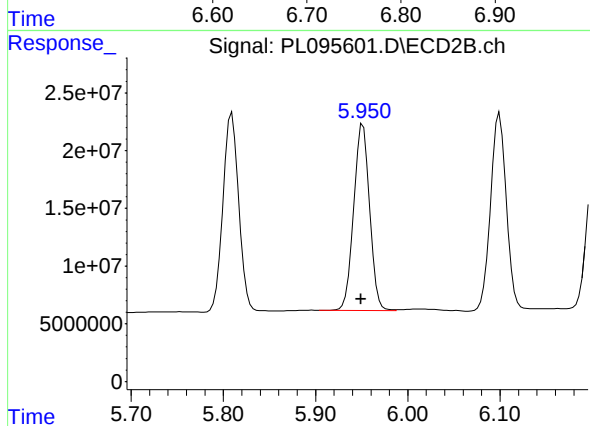
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 202106558
Conc: 56.28 ng/ml



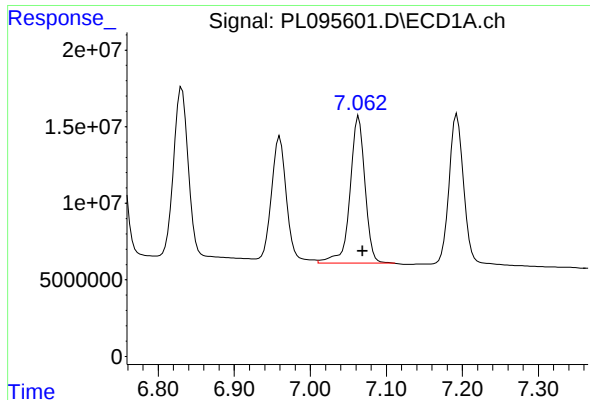
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 138253685
Conc: 48.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 193914781
Conc: 59.36 ng/ml



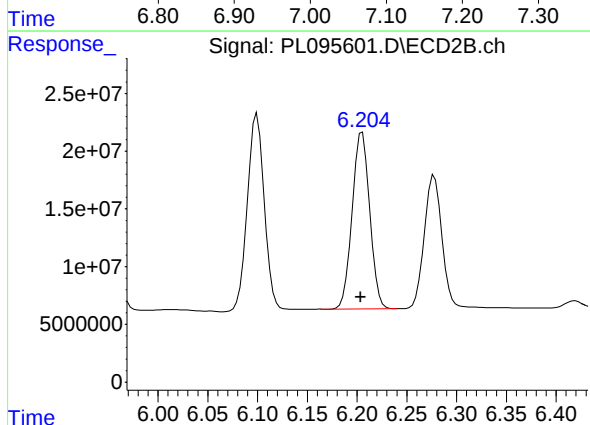
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 132048731
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

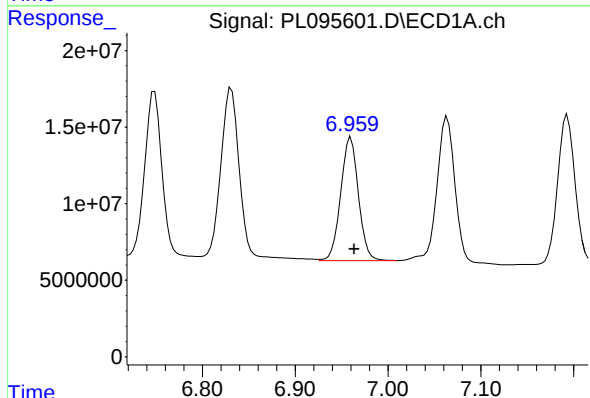
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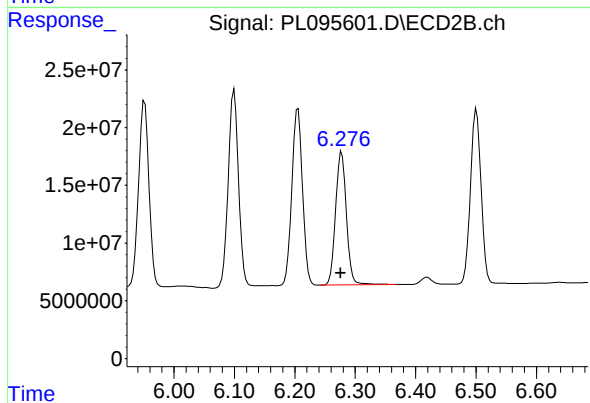
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 187914212
Conc: 54.69 ng/ml



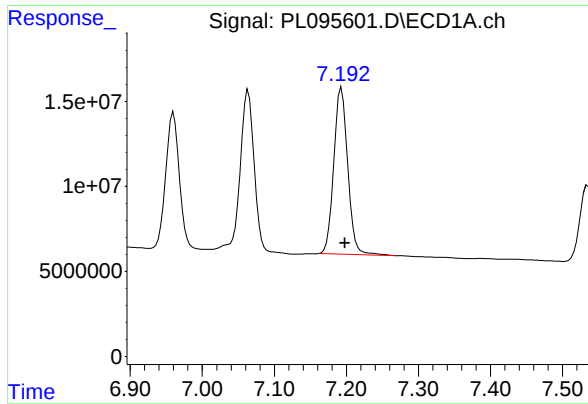
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 106672324
Conc: 45.96 ng/ml m



#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 143513953
Conc: 54.92 ng/ml



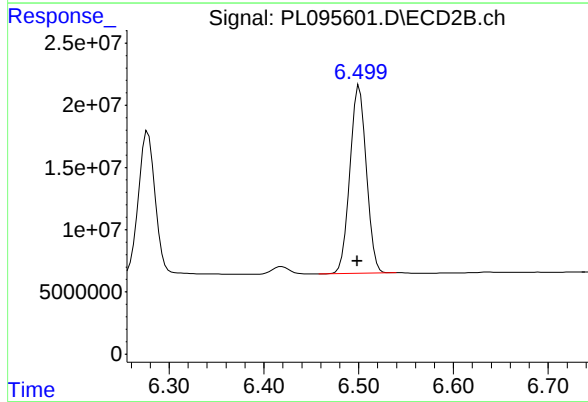
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 130513570
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

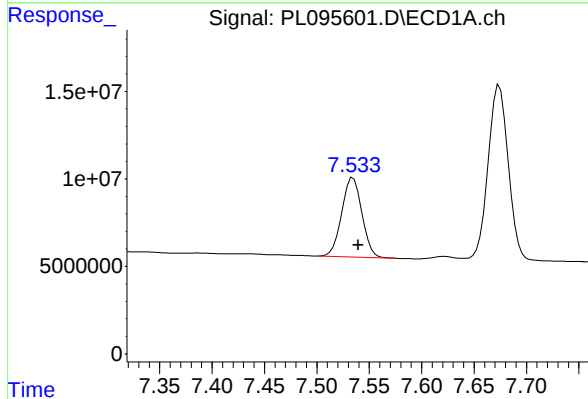
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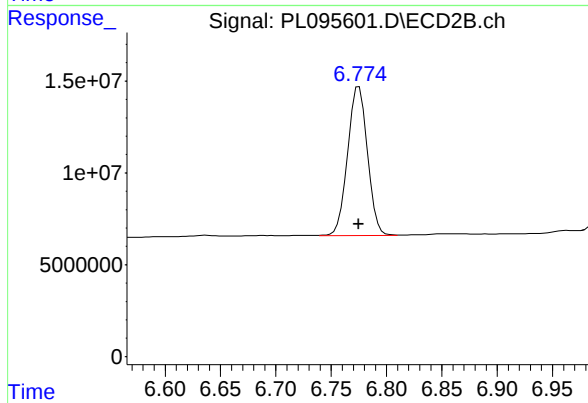
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 182654548
Conc: 55.05 ng/ml



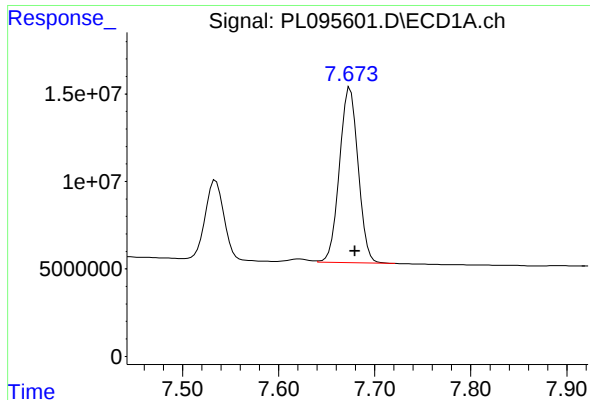
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.005 min
Response: 60882346
Conc: 43.64 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 101586406
Conc: 53.26 ng/ml m



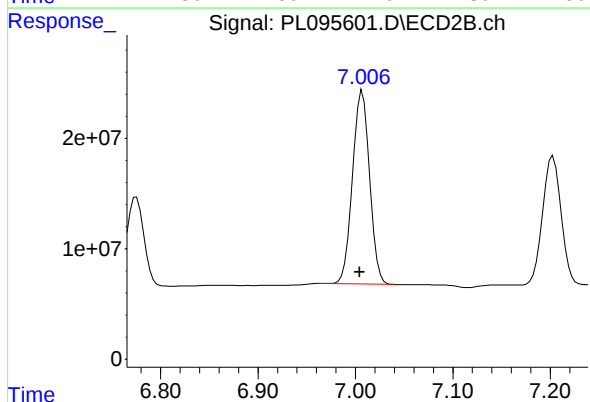
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: -0.005 min
Response: 133613106
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

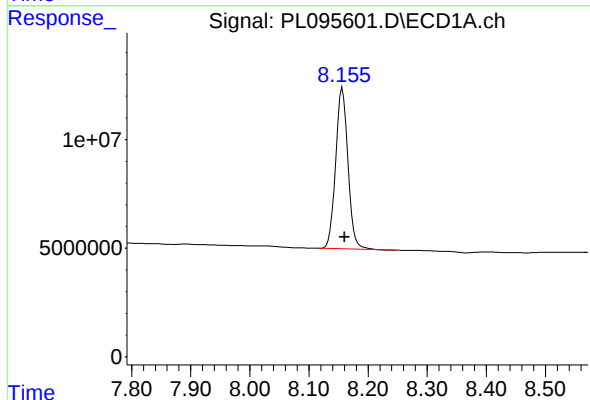
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



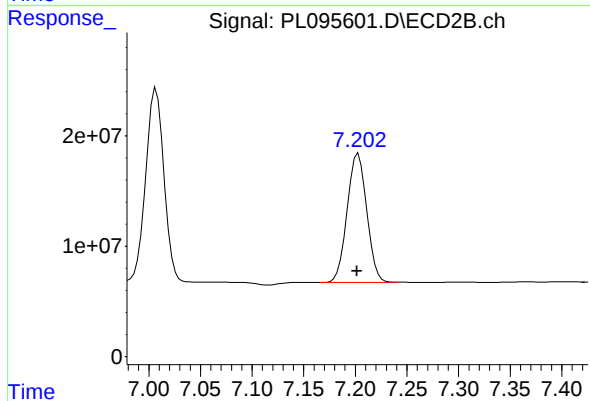
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.003 min
Response: 213736420
Conc: 60.70 ng/ml



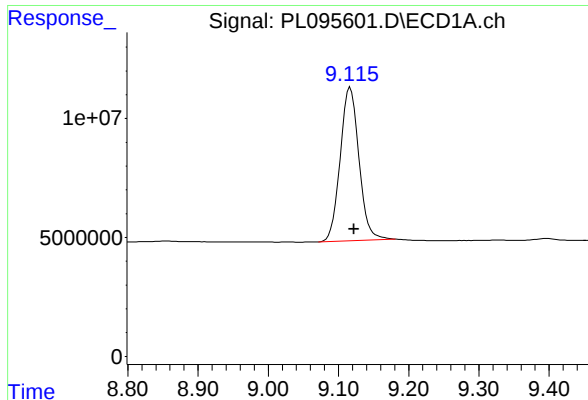
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 107238455
Conc: 45.13 ng/ml



#22 Mirex

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 154689639
Conc: 53.67 ng/ml m



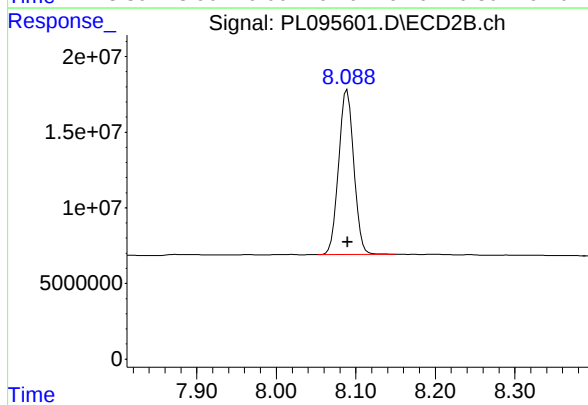
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: -0.005 min
Response: 119684070
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 144233727
Conc: 48.74 ng/ml