

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
 Data File : PL095730.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 15:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 01:57:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.591	2.908	209.7E6	229.7E6	51.323	49.038
28)	SA Decachlor...	9.115	8.085	180.3E6	205.0E6	53.159	49.703
Target Compounds							
2)	A alpha-BHC	4.042	3.417	304.9E6	359.4E6	52.103	50.260
3)	MA gamma-BHC...	4.372	3.751	292.1E6	339.8E6	52.472	50.326
4)	MA Heptachlor	4.970	4.104	279.6E6	324.9E6	51.343	49.808
5)	MB Aldrin	5.312	4.389	300.5E6	318.7E6	52.313	49.971
6)	B beta-BHC	4.558	4.044	128.3E6	149.2E6	52.405	49.462
7)	B delta-BHC	4.807	4.281	284.1E6	347.4E6	52.296	51.032
8)	B Heptachlo...	5.732	4.891	264.4E6	293.2E6	51.027m	50.736
9)	A Endosulfan I	6.116	5.264	257.4E6	256.8E6	52.571	49.650
10)	B gamma-Chl...	5.988	5.144	280.9E6	306.0E6	52.460	51.372
11)	B alpha-Chl...	6.069	5.209	277.7E6	298.8E6	53.435	50.630
12)	B 4,4'-DDE	6.236	5.393	270.2E6	306.5E6	52.790m	51.354m
13)	MA Dieldrin	6.389	5.530	257.9E6	322.3E6	52.333	52.390
14)	MA Endrin	6.617	5.805	208.3E6	288.8E6	54.379	54.199
15)	B Endosulfa...	6.829	6.095	213.5E6	277.3E6	51.234	50.641
16)	A 4,4'-DDD	6.746	5.947	199.1E6	267.8E6	51.238	52.068
17)	MA 4,4'-DDT	7.061	6.201	197.1E6	269.8E6	54.777	53.766
18)	B Endrin al...	6.958	6.273	149.9E6	198.9E6	51.054	51.957
19)	B Endosulfa...	7.191	6.497	191.9E6	251.1E6	52.293	50.514
20)	A Methoxychlor	7.533	6.771	91347307	142.6E6	54.179	52.692
21)	B Endrin ke...	7.673	7.003	191.9E6	292.1E6	51.217	49.714
22)	Mirex	8.155	7.198	153.2E6	213.8E6	50.330	49.577

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
Data File : PL095730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2025 15:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

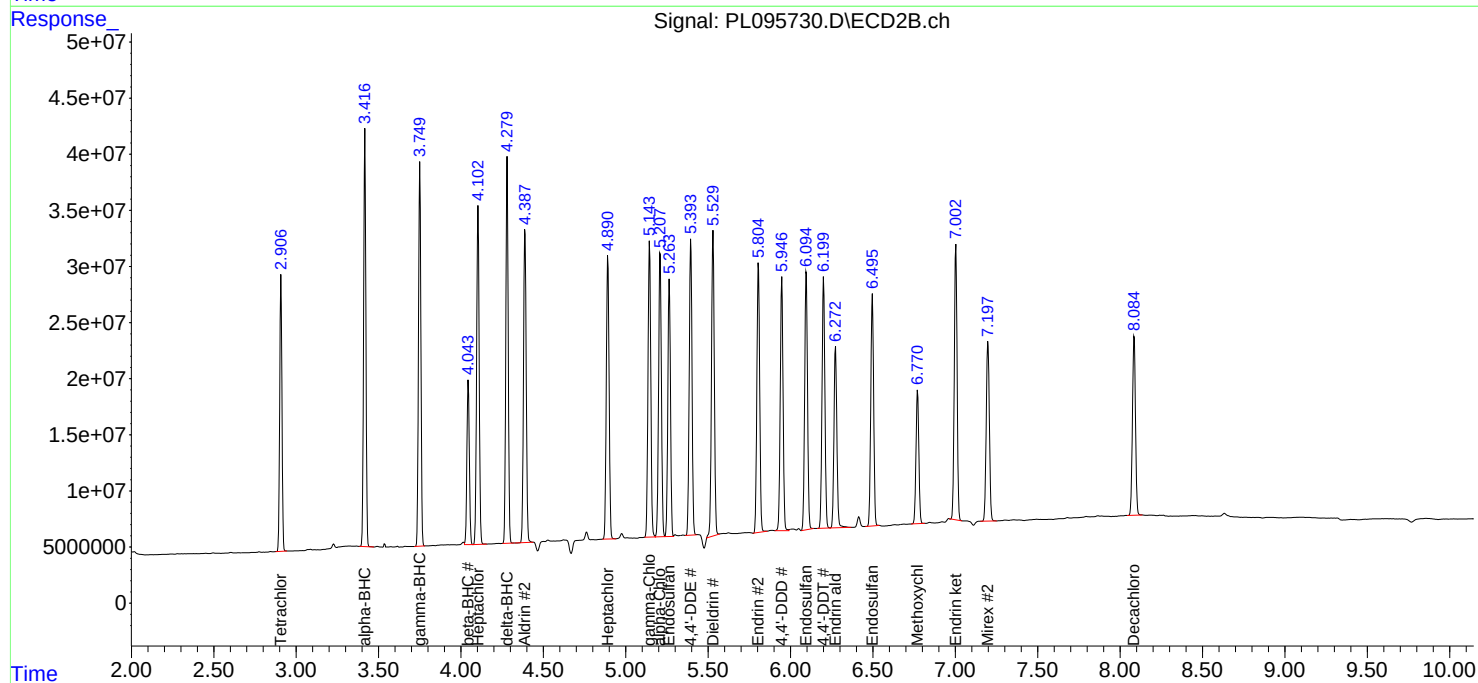
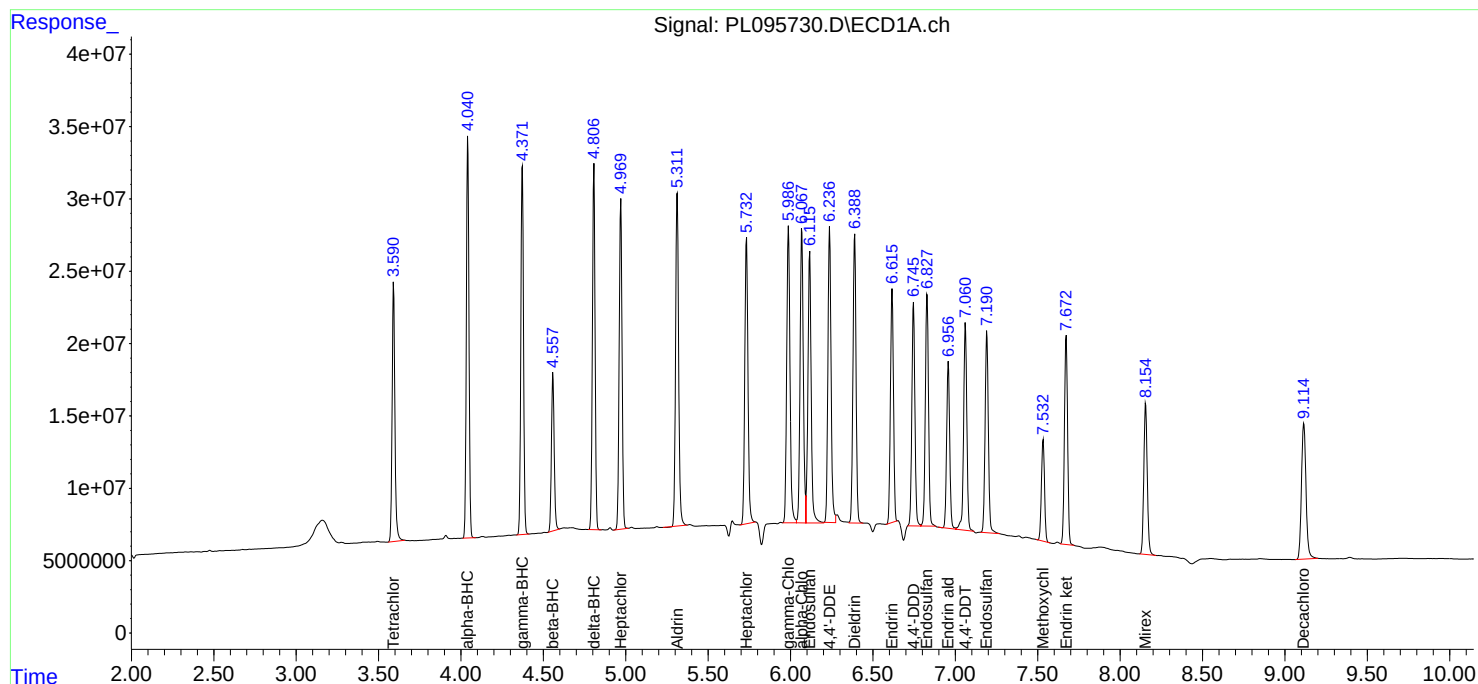
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

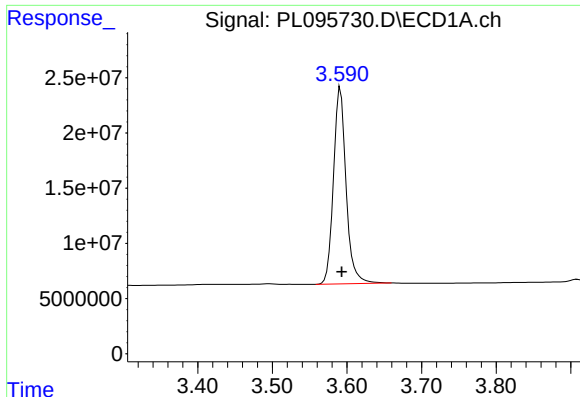
Manual Integrations
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Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 01:57:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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





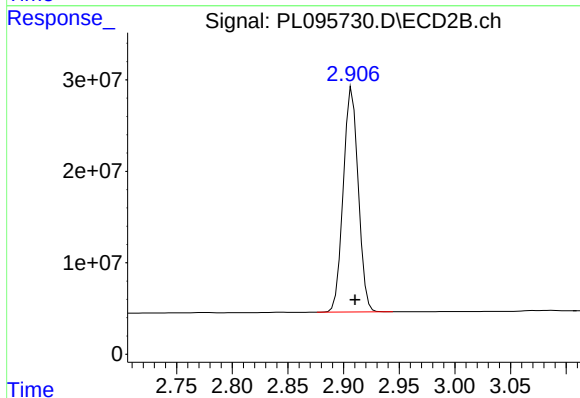
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 209704752
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

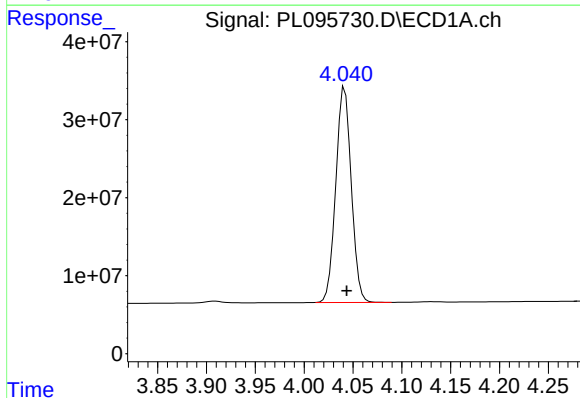
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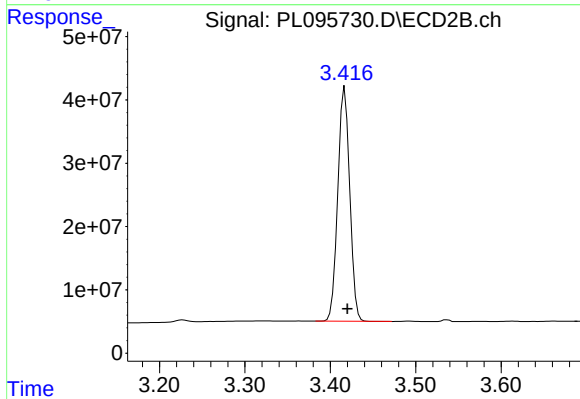
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: -0.003 min
Response: 229699370
Conc: 49.04 ng/ml



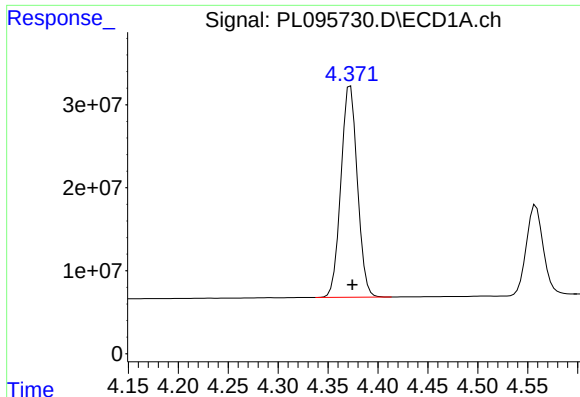
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 304863250
Conc: 52.10 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: -0.003 min
Response: 359428811
Conc: 50.26 ng/ml



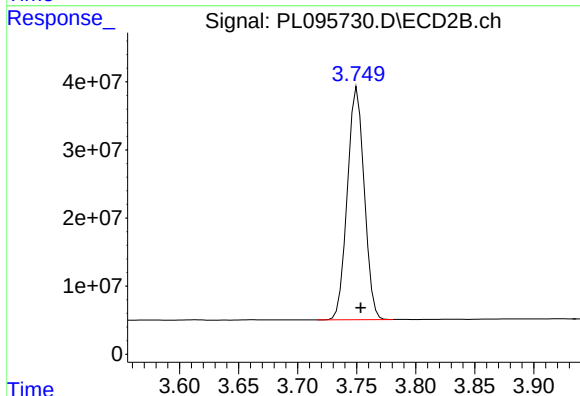
#3 gamma-BHC (Lindane)

R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 292061683
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

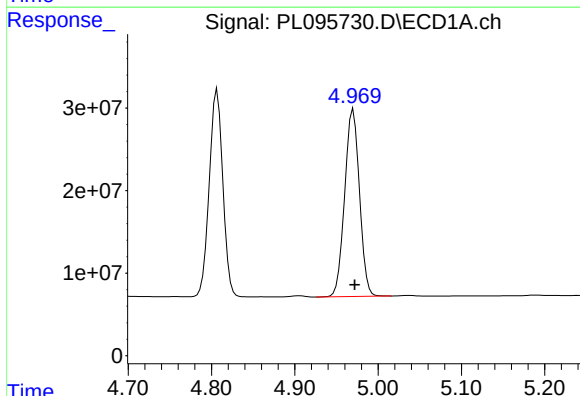
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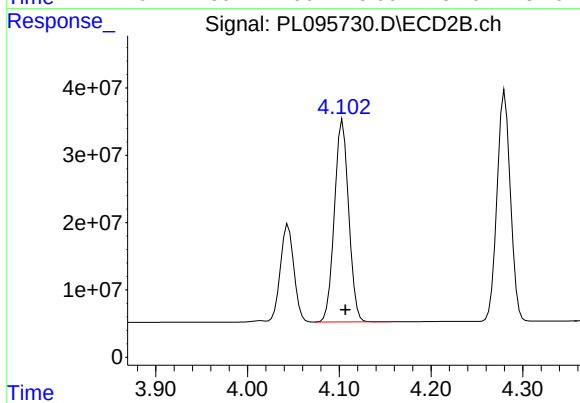
#3 gamma-BHC (Lindane)

R.T.: 3.751 min
Delta R.T.: -0.003 min
Response: 339831483
Conc: 50.33 ng/ml



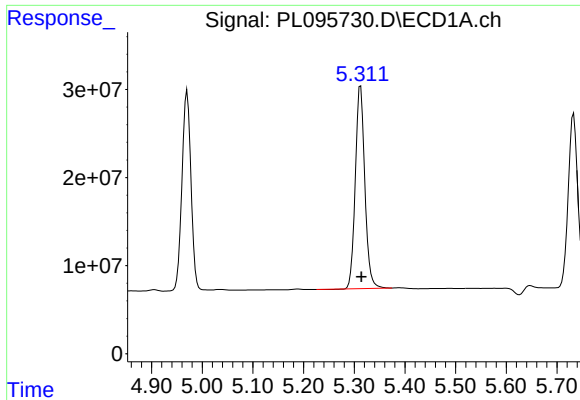
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 279608480
Conc: 51.34 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 324918218
Conc: 49.81 ng/ml



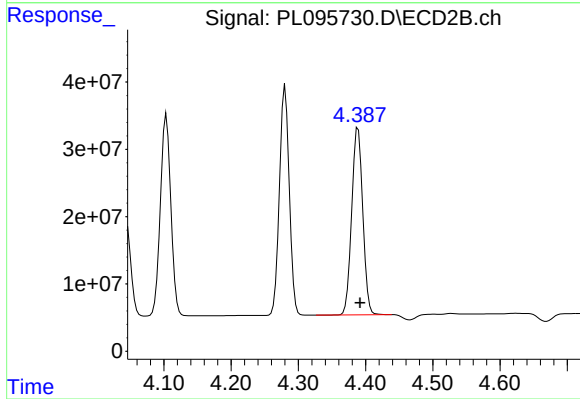
#5 Aldrin

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 300467447
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

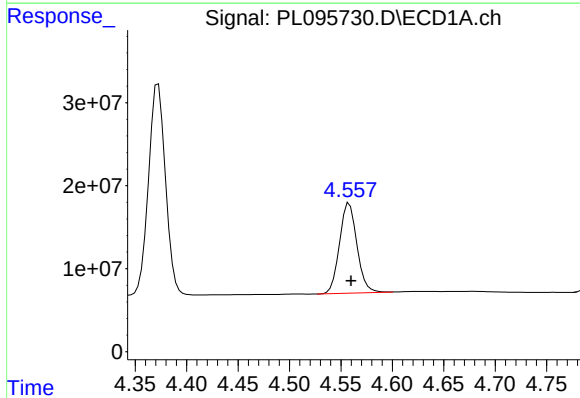
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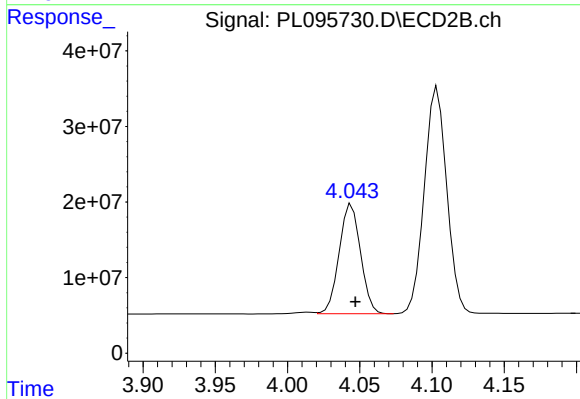
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 318713598
Conc: 49.97 ng/ml



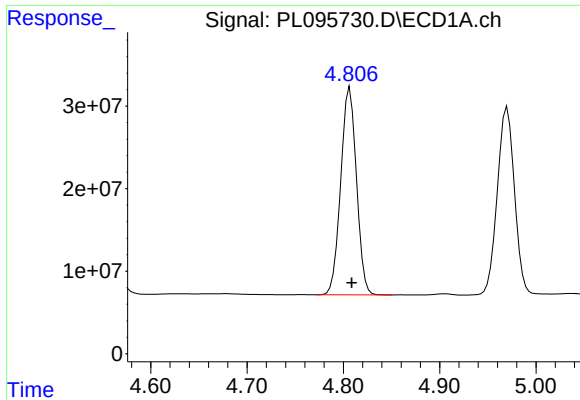
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 128345836
Conc: 52.41 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 149230156
Conc: 49.46 ng/ml



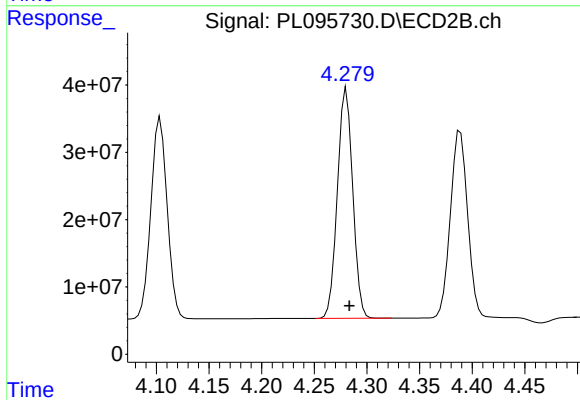
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 284113220
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

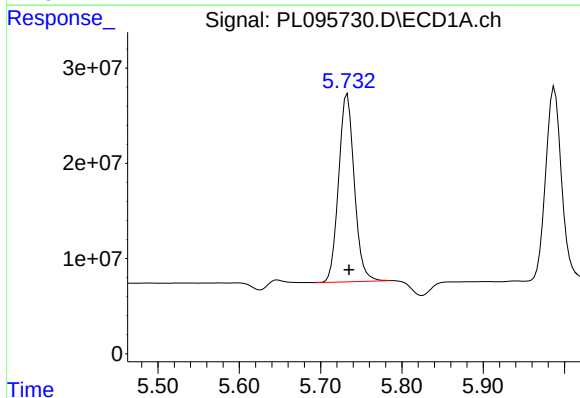
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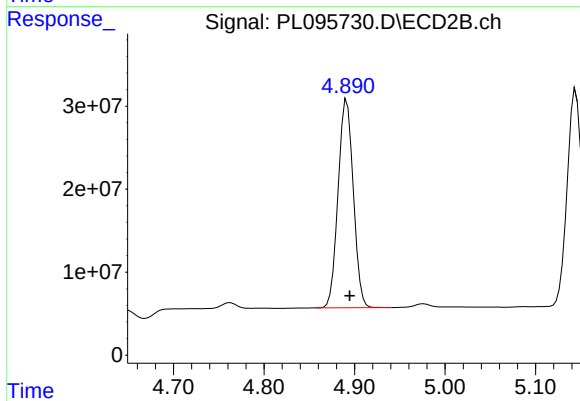
#7 delta-BHC

R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 347364651
Conc: 51.03 ng/ml



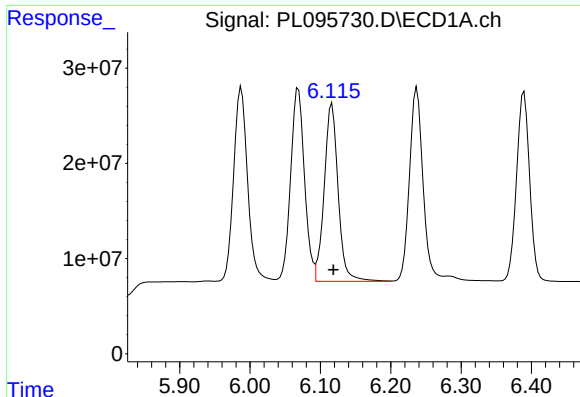
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 264420605
Conc: 51.03 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 293223783
Conc: 50.74 ng/ml



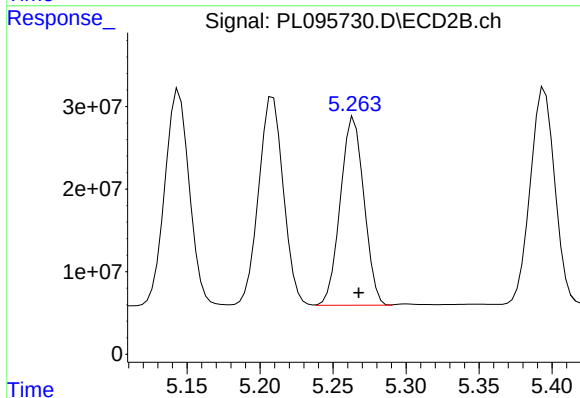
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 257357774
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

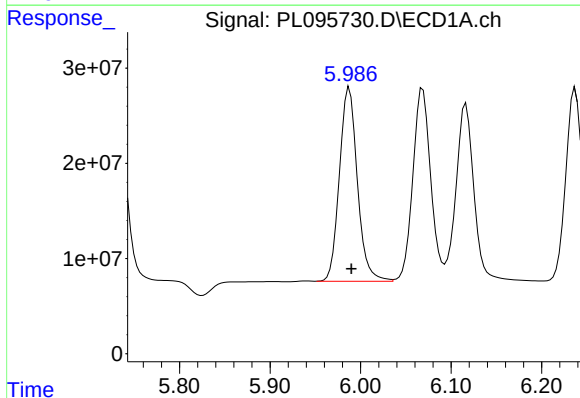
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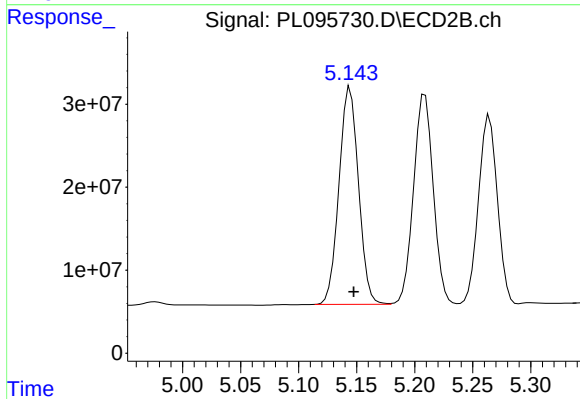
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 256787828
Conc: 49.65 ng/ml



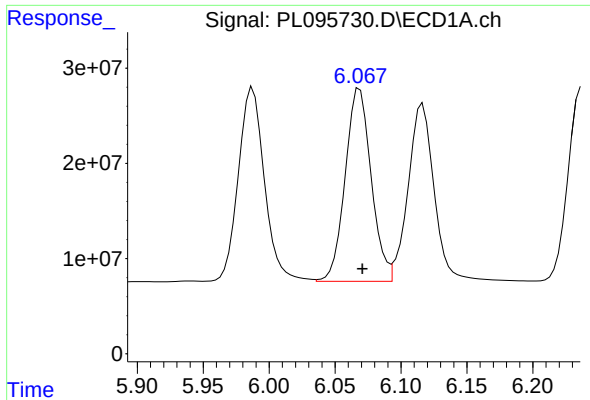
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 280934266
Conc: 52.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 305987771
Conc: 51.37 ng/ml



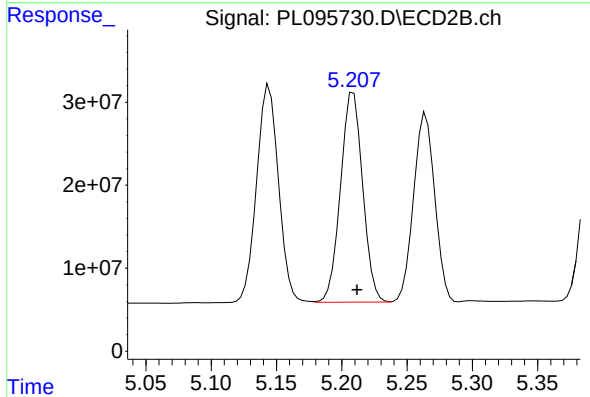
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 277741357
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

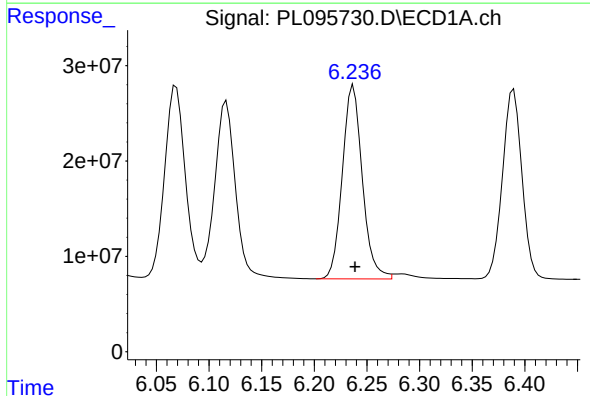
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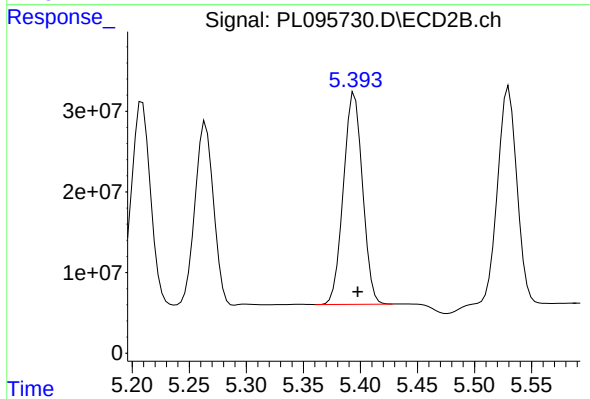
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.003 min
Response: 298824508
Conc: 50.63 ng/ml



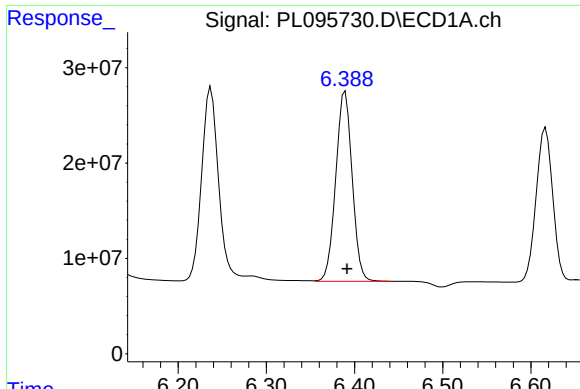
#12 4,4'-DDE

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 270220932
Conc: 52.79 ng/ml m



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 306471380
Conc: 51.35 ng/ml m



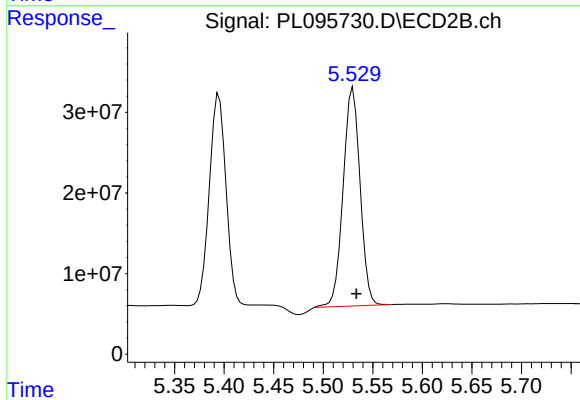
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 257902190
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

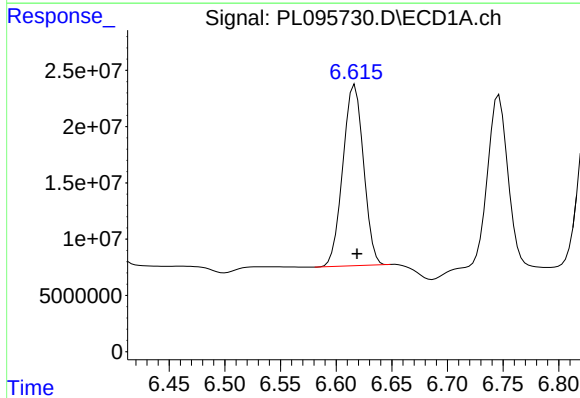
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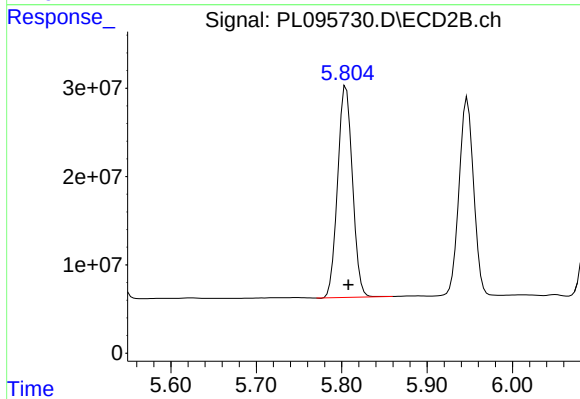
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 322339458
Conc: 52.39 ng/ml



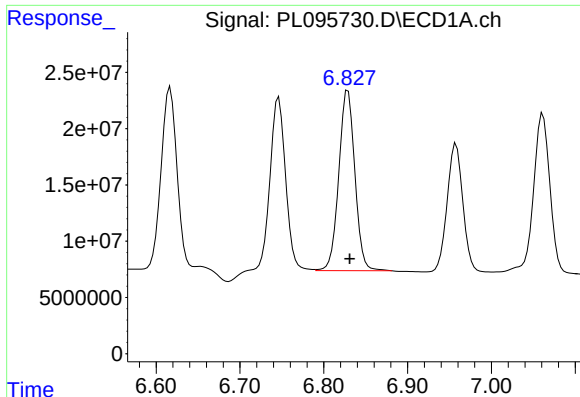
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.002 min
Response: 208301356
Conc: 54.38 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 288753707
Conc: 54.20 ng/ml



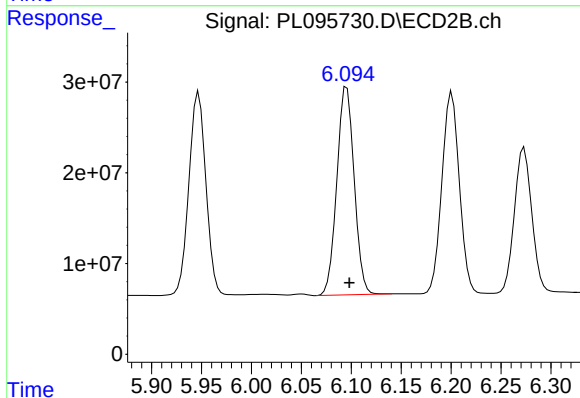
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.002 min
Response: 213545104
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

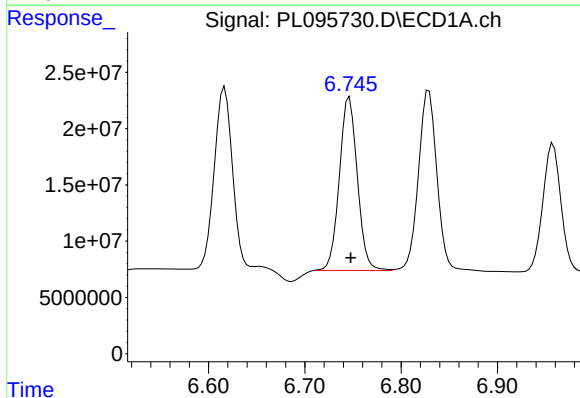
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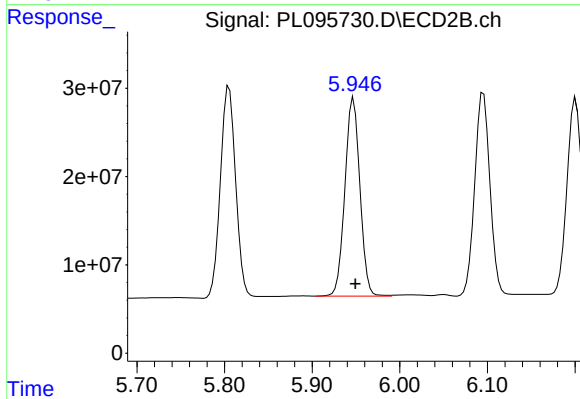
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 277333120
Conc: 50.64 ng/ml



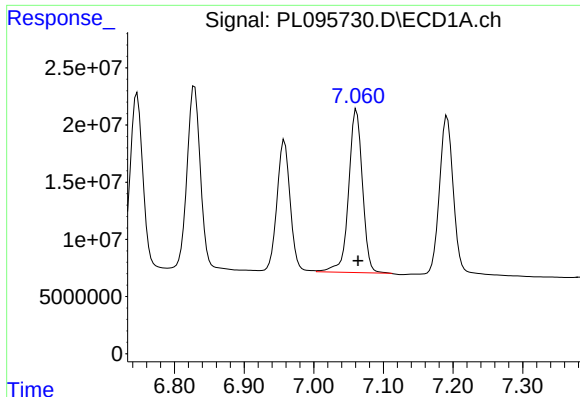
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 199092909
Conc: 51.24 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 267767778
Conc: 52.07 ng/ml



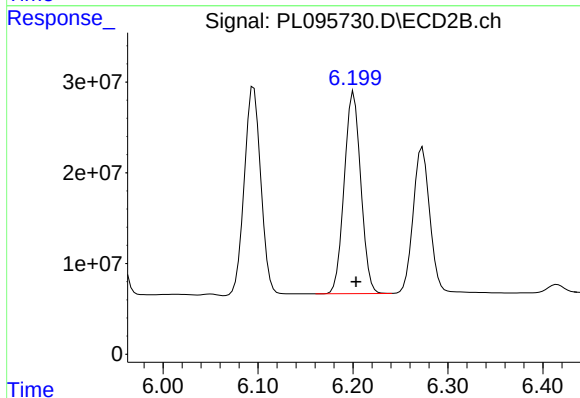
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 197078135
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

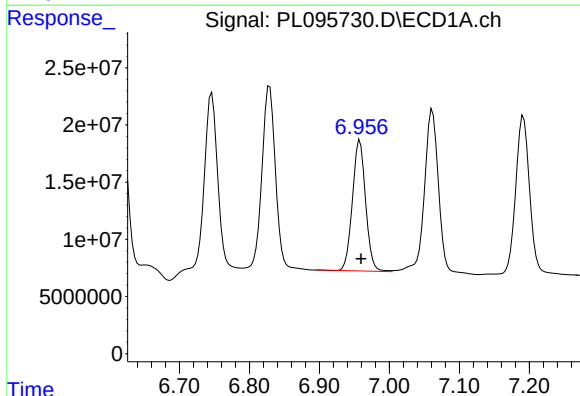
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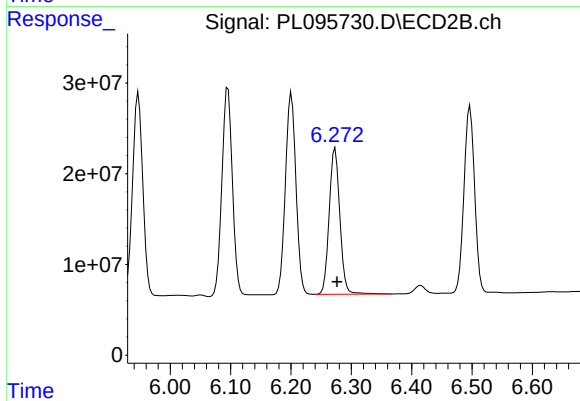
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 269842751
Conc: 53.77 ng/ml



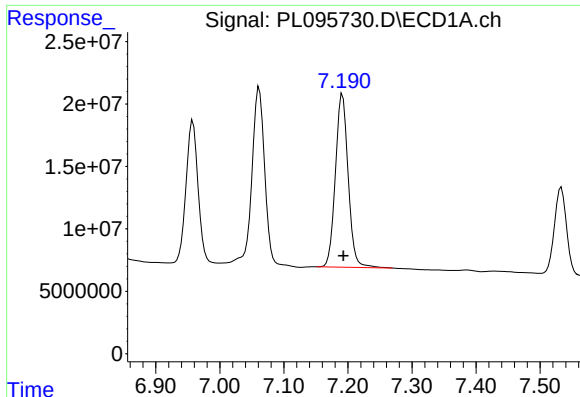
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 149888778
Conc: 51.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 198931345
Conc: 51.96 ng/ml



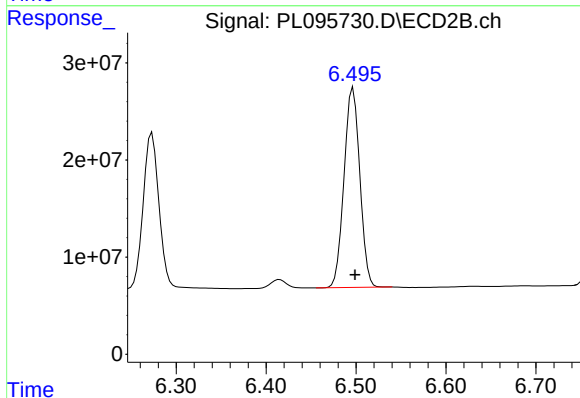
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 191933378
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

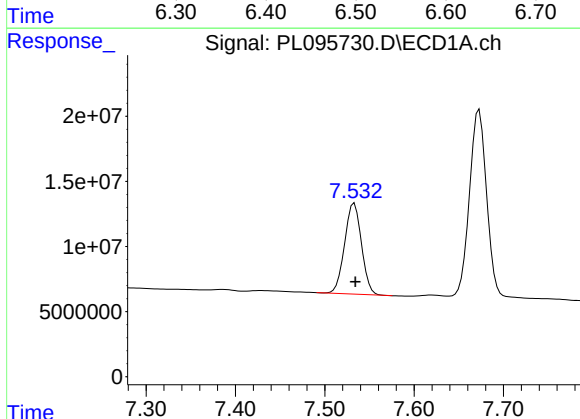
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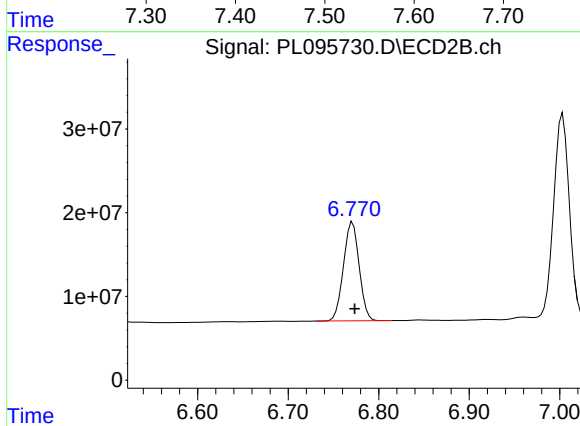
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 251144732
Conc: 50.51 ng/ml



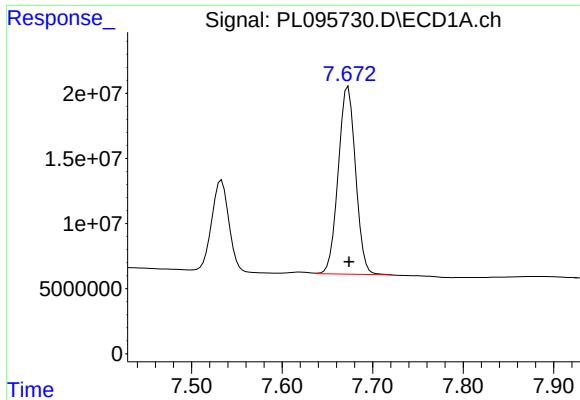
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 91347307
Conc: 54.18 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 142574030
Conc: 52.69 ng/ml



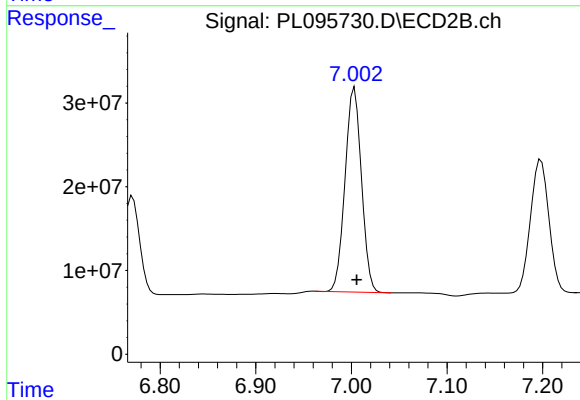
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: -0.001 min
Response: 191874389
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

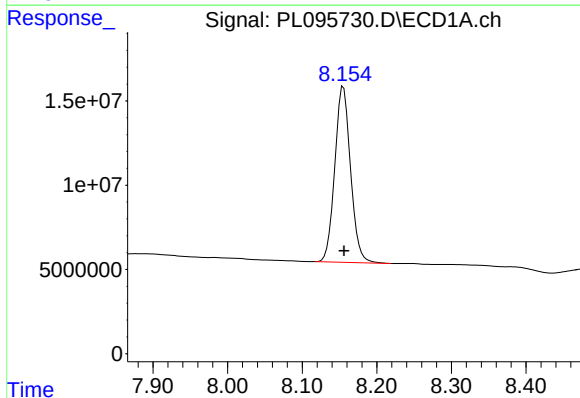
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Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



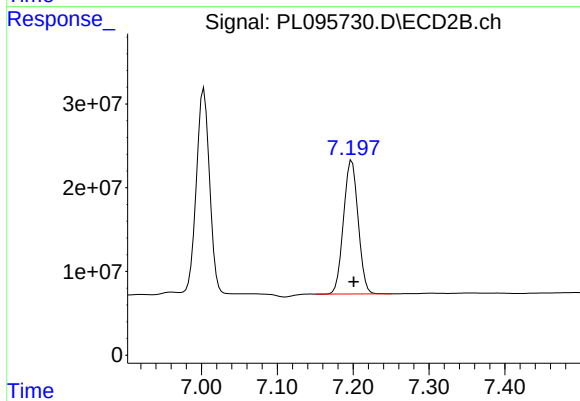
#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 292148157
Conc: 49.71 ng/ml



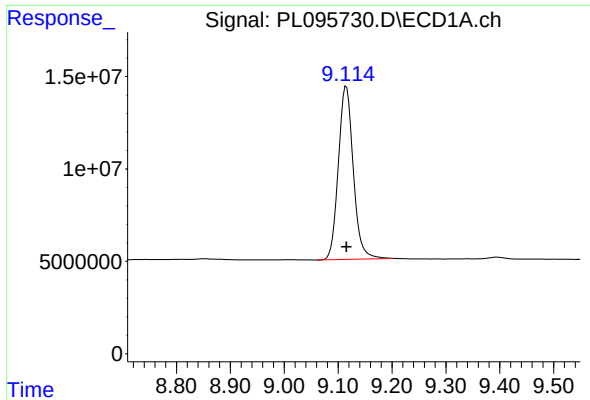
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 153235365
Conc: 50.33 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: -0.003 min
Response: 213760856
Conc: 49.58 ng/ml



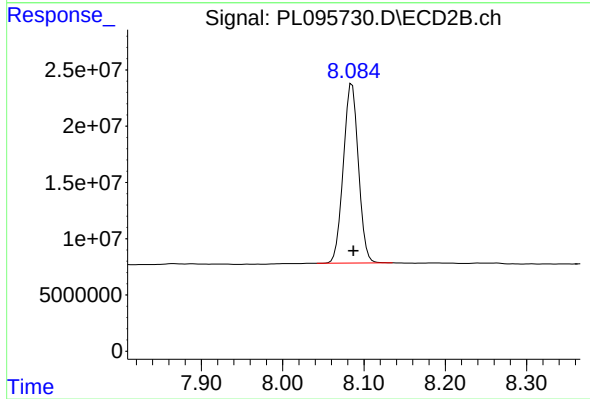
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 180338776
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 205013301
Conc: 49.70 ng/ml