

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 08:33:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.879	122.6E6	736.3E6	56.642	48.674
28)	SA Decachlor...	9.071	8.072	156.3E6	740.3E6	45.661	40.551
Target Compounds							
2)	A alpha-BHC	3.997	3.392	254.0E6	1166.5E6	53.168	48.799
3)	MA gamma-BHC...	4.328	3.728	239.7E6	1077.0E6	52.076	48.590
4)	MA Heptachlor	4.928	4.082	223.5E6	1038.4E6	49.980	46.243
5)	MB Aldrin	5.270	4.366	226.2E6	1058.3E6	51.480	48.256m
6)	B beta-BHC	4.514	4.024	93205174	459.7E6	51.690	47.186
7)	B delta-BHC	4.763	4.261	233.4E6	1087.0E6	55.234	48.755
8)	B Heptachlo...	5.689	4.871	195.9E6	943.8E6	49.357	47.494
9)	A Endosulfan I	6.073	5.245	184.4E6	800.8E6	48.993	42.197
10)	B gamma-Chl...	5.944	5.125	199.1E6	1014.9E6	49.917	47.578
11)	B alpha-Chl...	6.026	5.189	198.1E6	971.7E6	49.448	47.112
12)	B 4,4'-DDE	6.195	5.373	174.8E6	977.5E6	48.695	46.766m
13)	MA Dieldrin	6.345	5.512	194.4E6	983.0E6	48.466	46.714
14)	MA Endrin	6.573	5.789	165.8E6	891.9E6	48.546	46.250
15)	B Endosulfa...	6.785	6.080	162.3E6	846.0E6	47.118	46.174
16)	A 4,4'-DDD	6.703	5.929	140.9E6	820.2E6	50.588	47.160
17)	MA 4,4'-DDT	7.020	6.183	138.8E6	789.1E6	44.463	43.510
18)	B Endrin al...	6.913	6.258	119.7E6	619.4E6	46.497	44.467
19)	B Endosulfa...	7.148	6.481	147.5E6	803.3E6	46.044	45.244
20)	A Methoxychlor	7.492	6.754	72360241	405.2E6	43.315	42.318
21)	B Endrin ke...	7.629	6.991	160.0E6	864.8E6	46.755	44.700
22)	Mirex	8.113	7.184	115.1E6	644.8E6	44.288	42.415

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

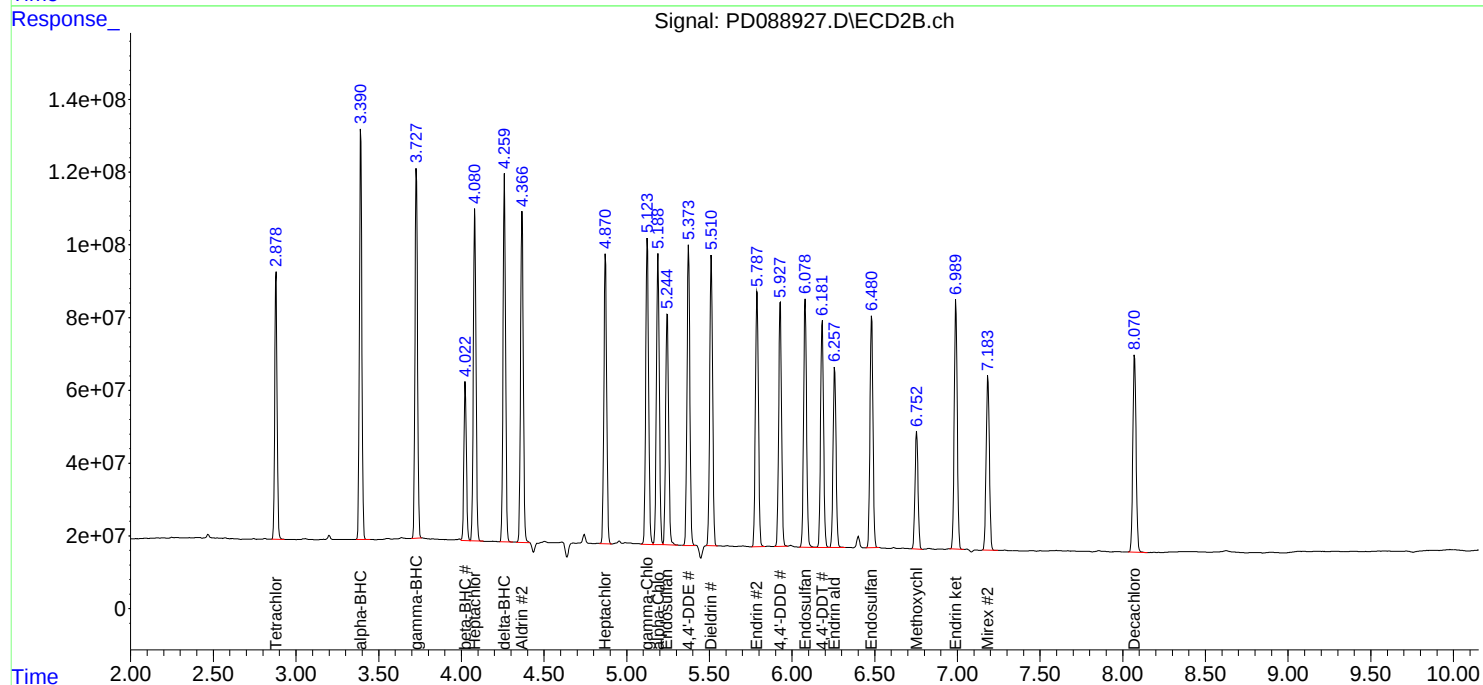
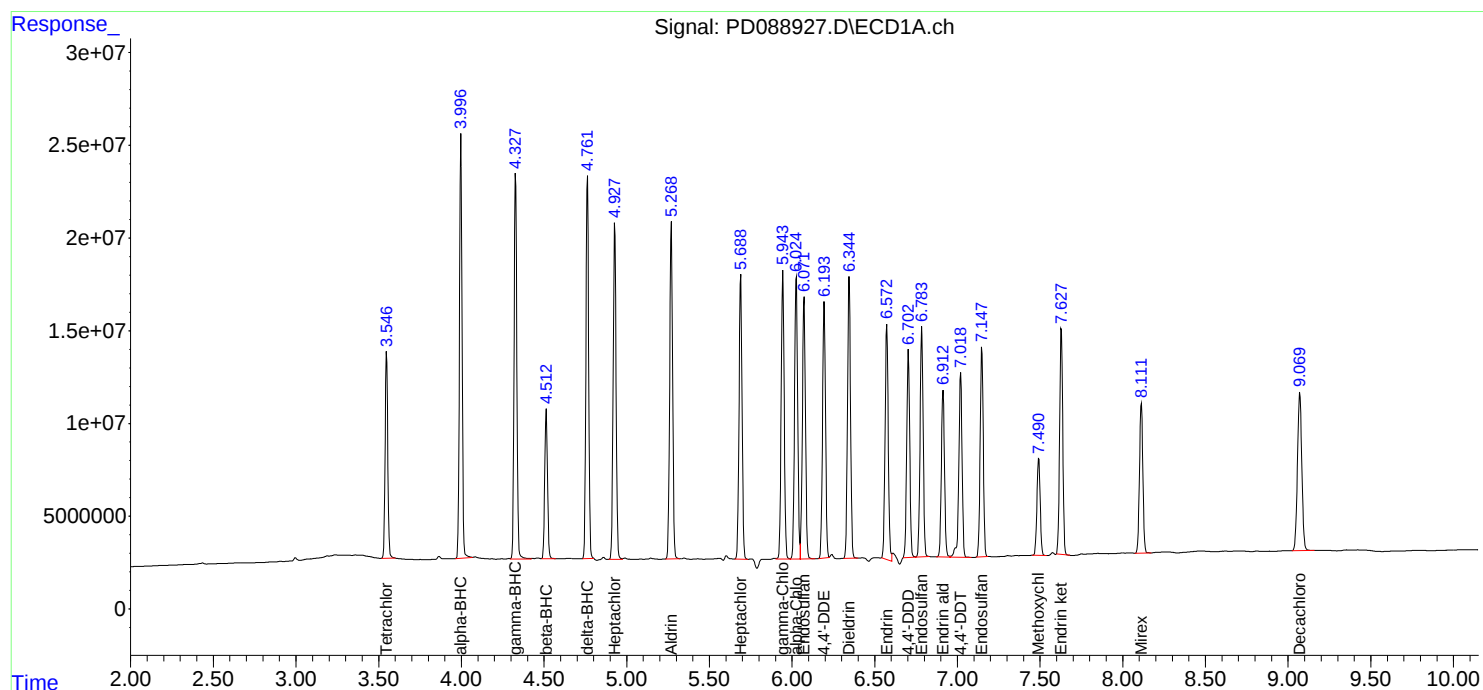
APPROVED

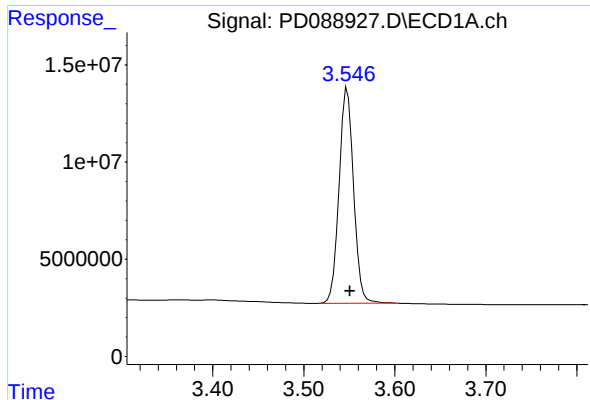
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 08:33:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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 x 0.25µm





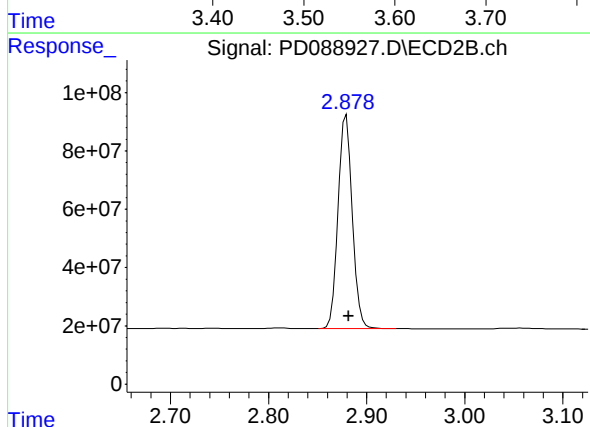
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 122558968
Conc: 56.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

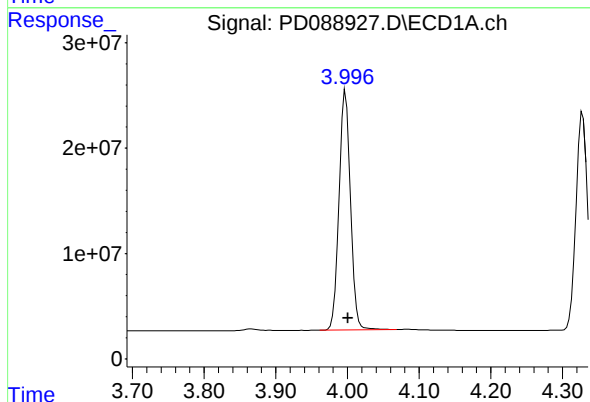
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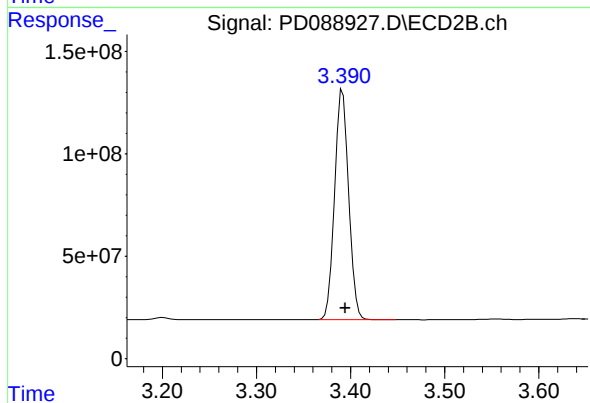
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 736283035
Conc: 48.67 ng/ml



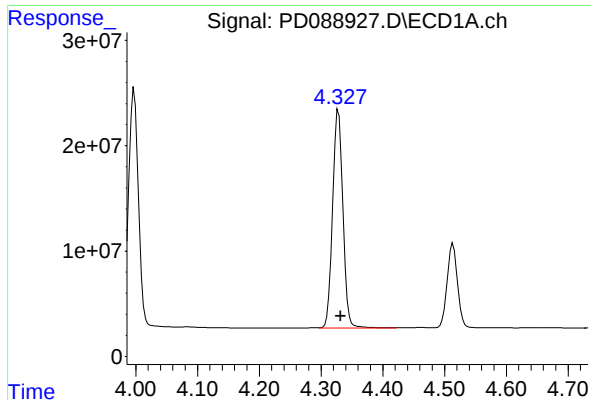
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 253959339
Conc: 53.17 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1166487204
Conc: 48.80 ng/ml



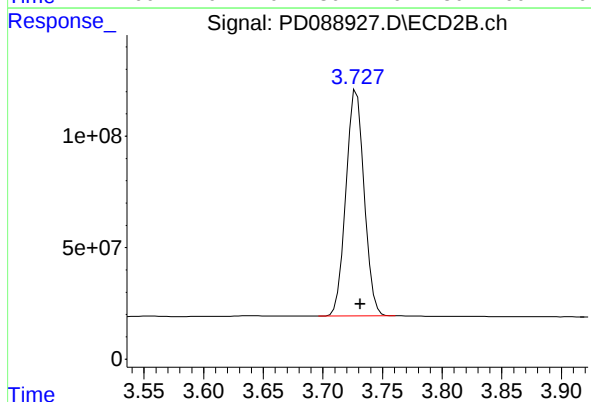
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 239692475
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

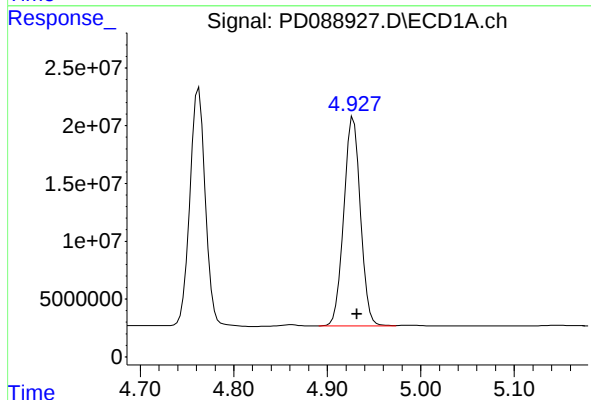
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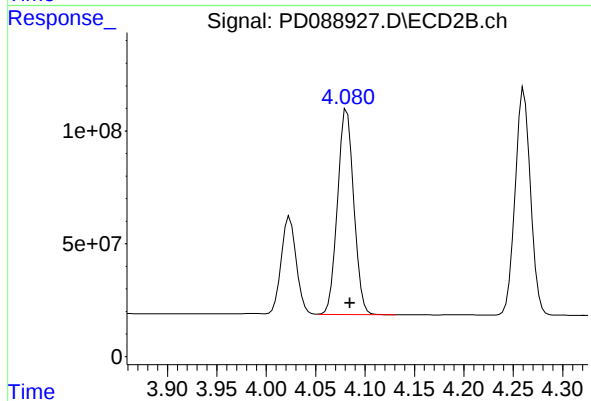
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1077041047
Conc: 48.59 ng/ml



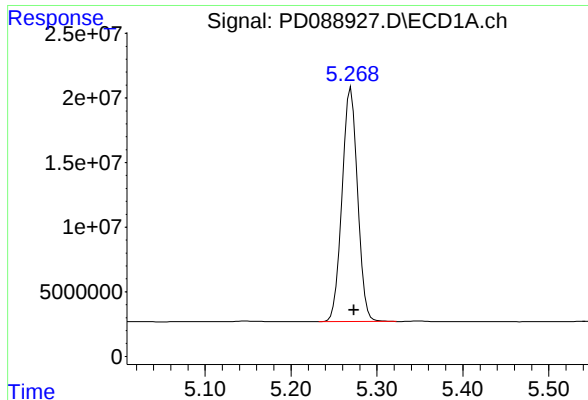
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 223471255
Conc: 49.98 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1038382342
Conc: 46.24 ng/ml



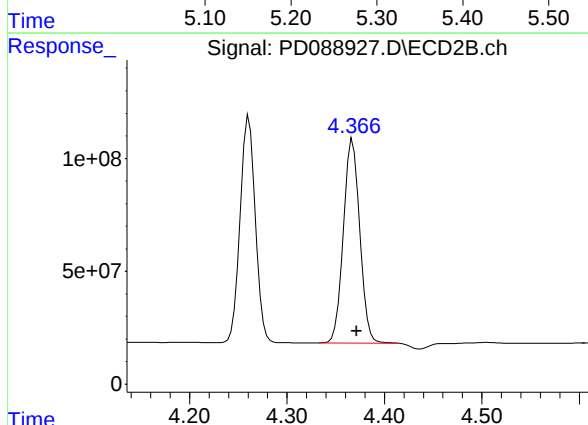
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 226227653
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

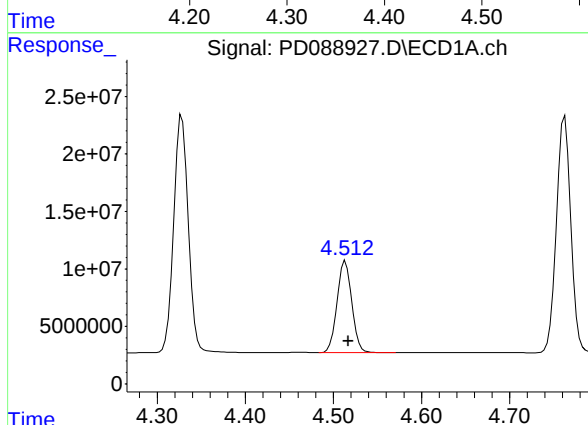
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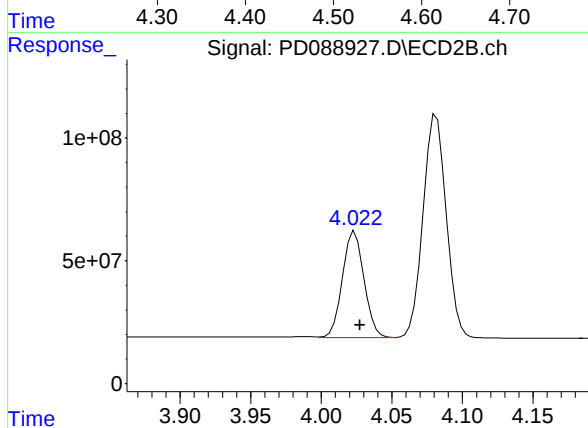
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 1058252334
Conc: 48.26 ng/ml



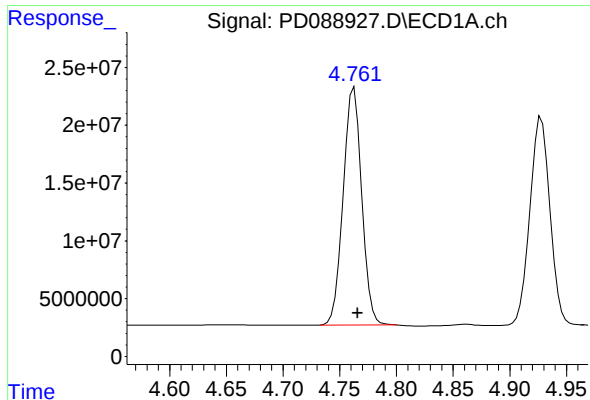
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 93205174
Conc: 51.69 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 459683819
Conc: 47.19 ng/ml



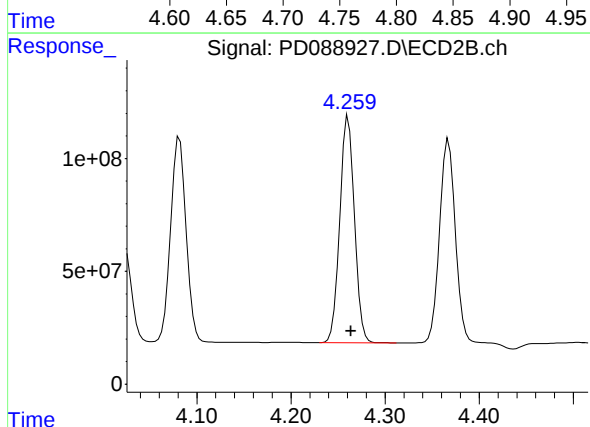
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 233427625
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

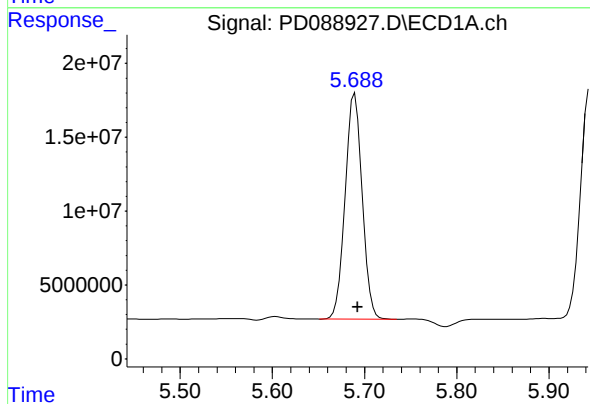
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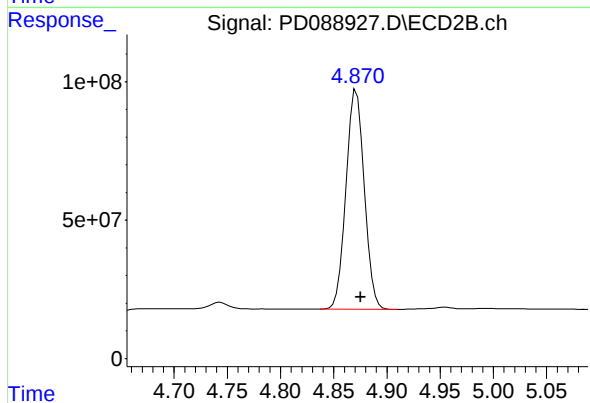
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1086958461
Conc: 48.76 ng/ml



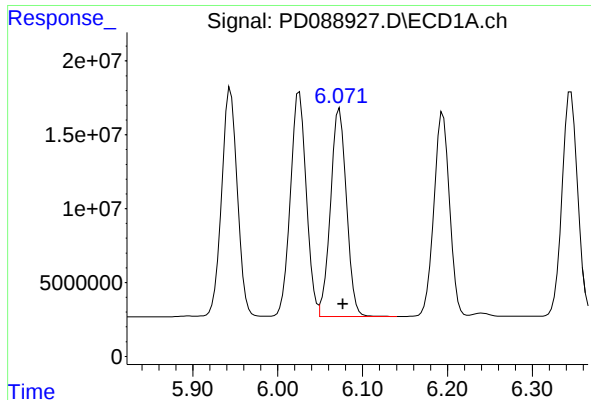
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 195912821
Conc: 49.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 943768796
Conc: 47.49 ng/ml



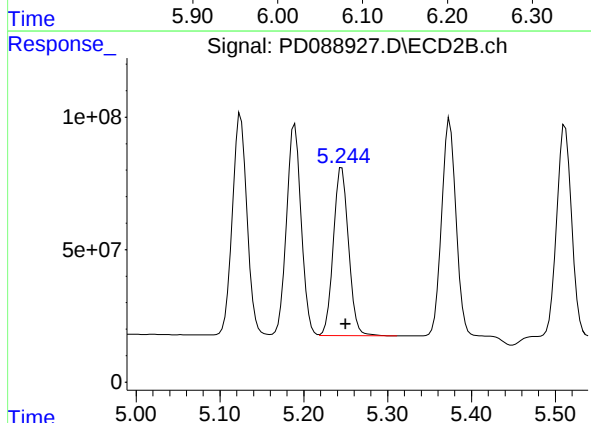
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 184357443
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

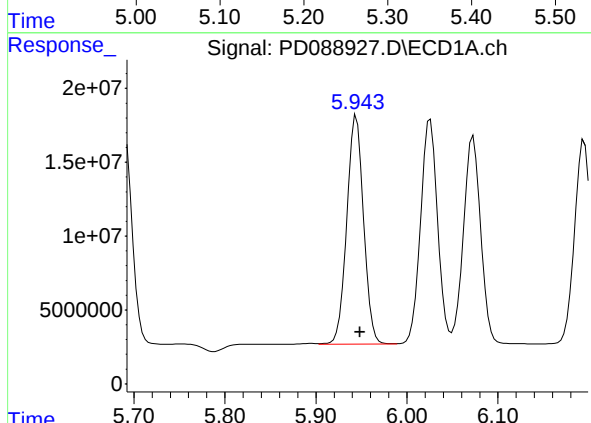
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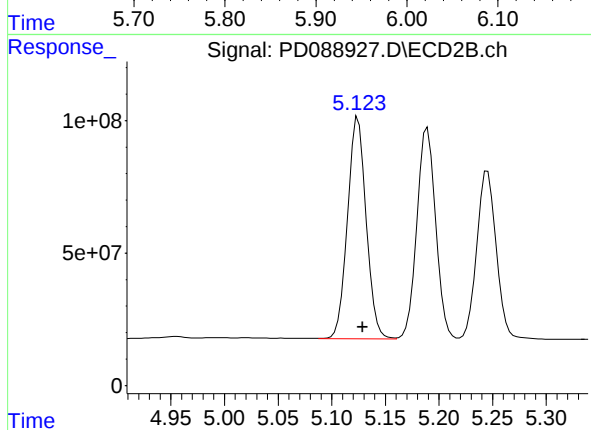
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.004 min
Response: 800839846
Conc: 42.20 ng/ml



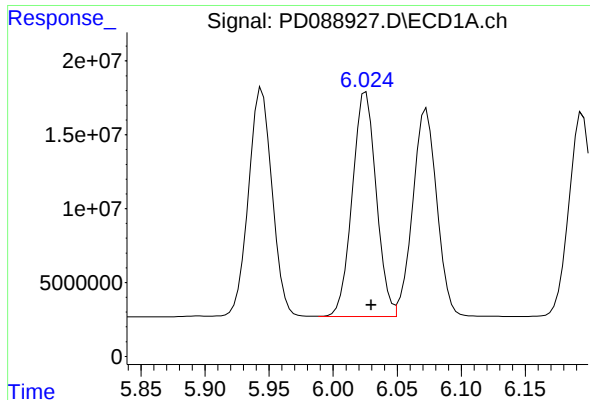
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 199115106
Conc: 49.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1014930987
Conc: 47.58 ng/ml



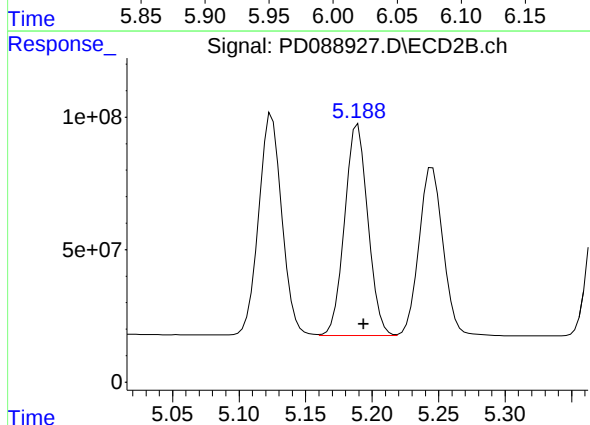
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 198102903
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

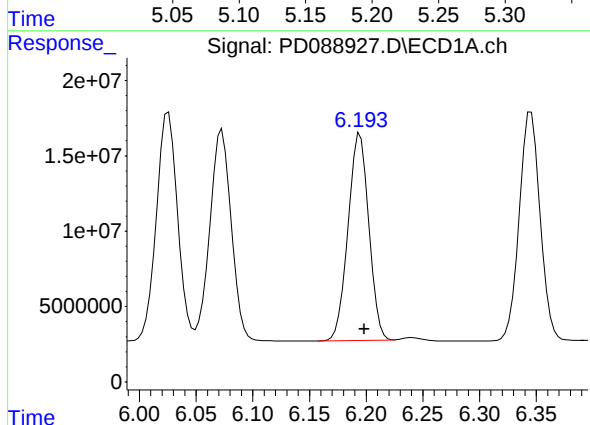
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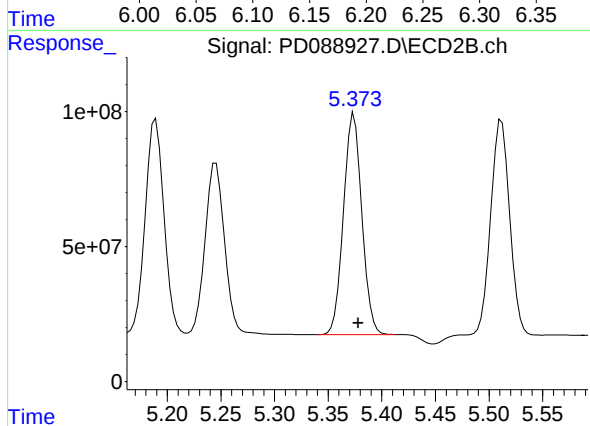
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 971680079
Conc: 47.11 ng/ml



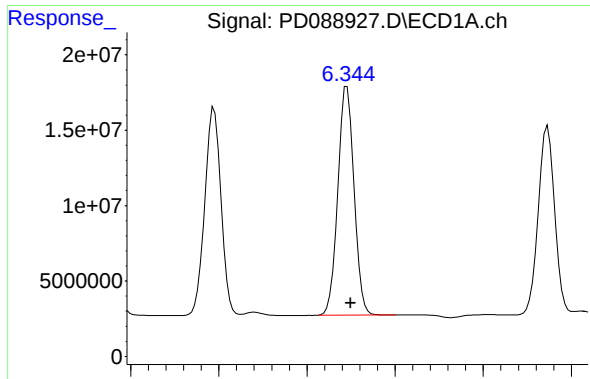
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 174784873
Conc: 48.69 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.006 min
Response: 977543611
Conc: 46.77 ng/ml m



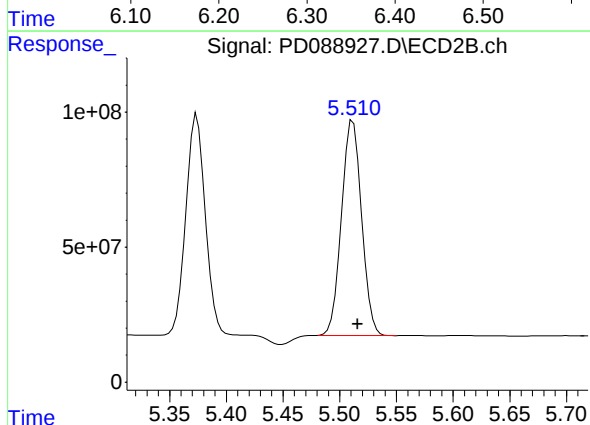
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 194432584
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

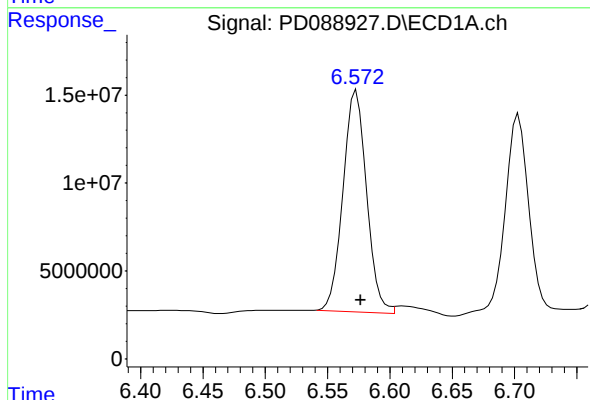
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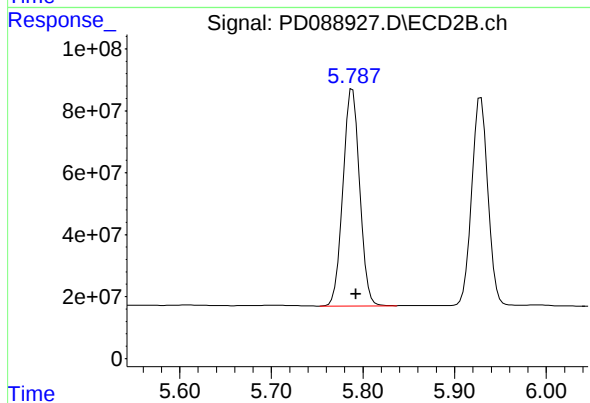
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 983048361
Conc: 46.71 ng/ml



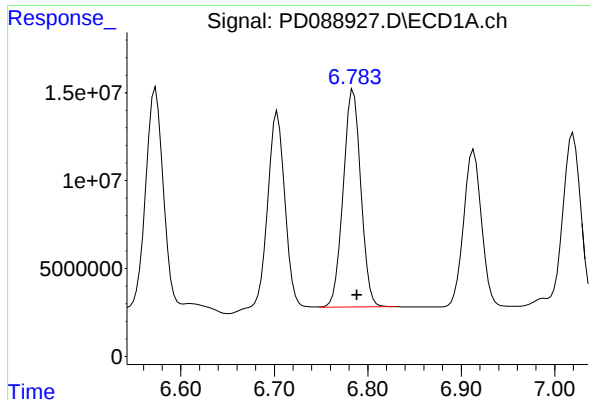
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 165793426
Conc: 48.55 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 891876839
Conc: 46.25 ng/ml



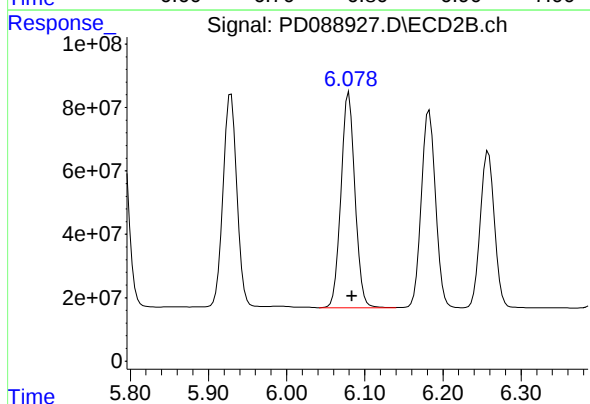
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 162253957
Conc: 47.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

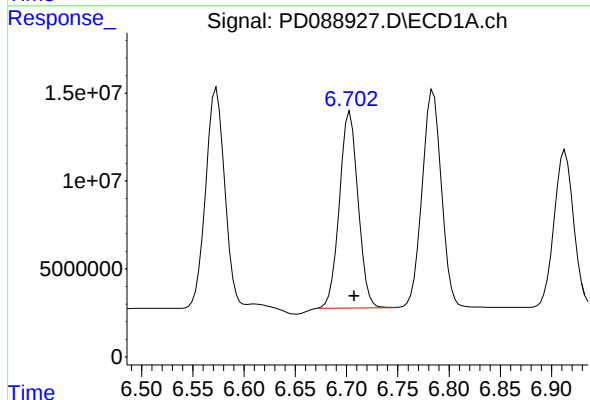
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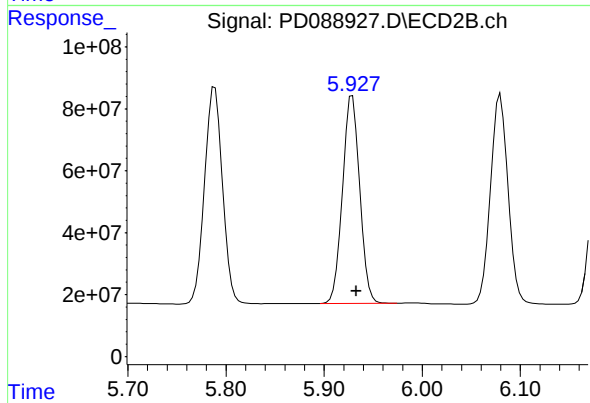
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 845987443
Conc: 46.17 ng/ml



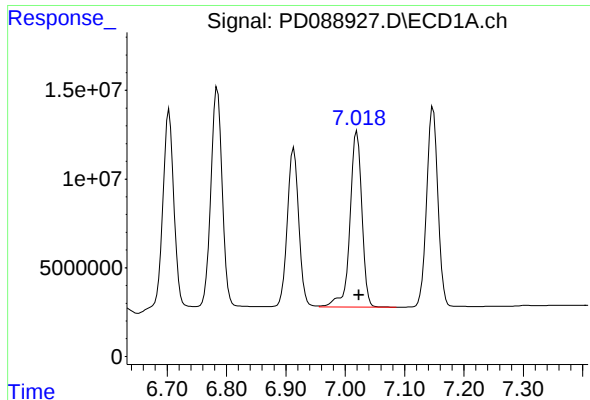
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.004 min
Response: 140892790
Conc: 50.59 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 820214394
Conc: 47.16 ng/ml



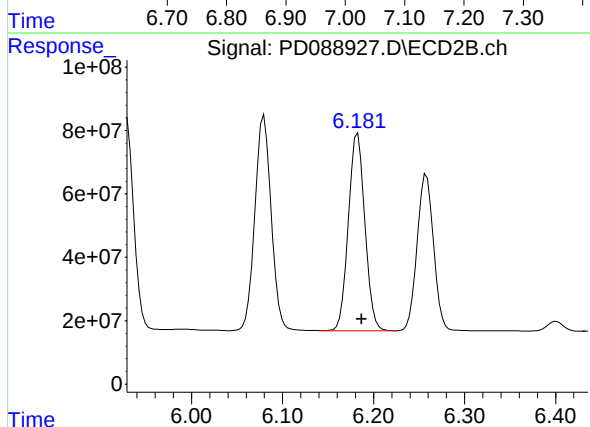
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 138815432
Conc: 44.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

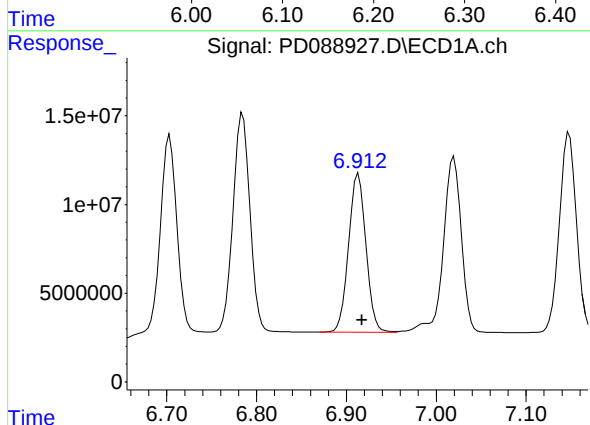
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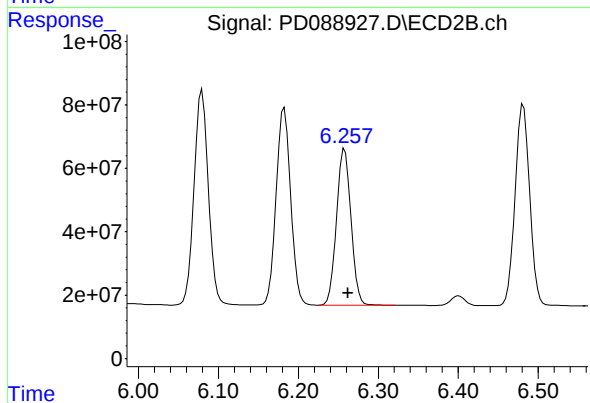
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 789147913
Conc: 43.51 ng/ml



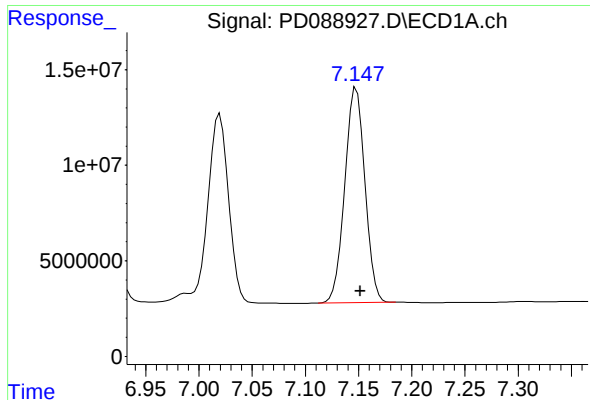
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.004 min
Response: 119710467
Conc: 46.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 619365944
Conc: 44.47 ng/ml



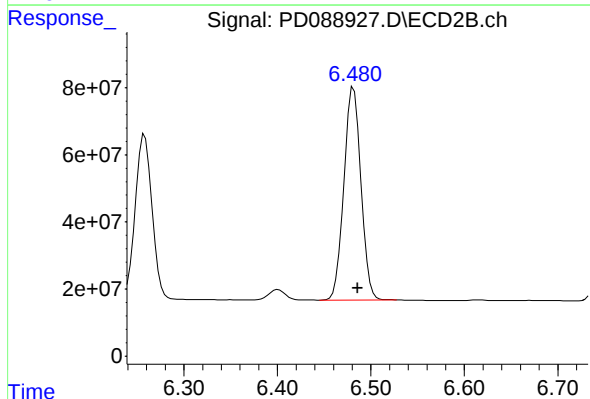
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.004 min
Response: 147482344
Conc: 46.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

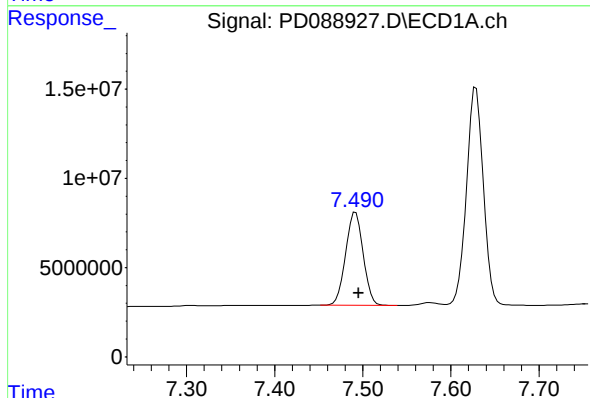
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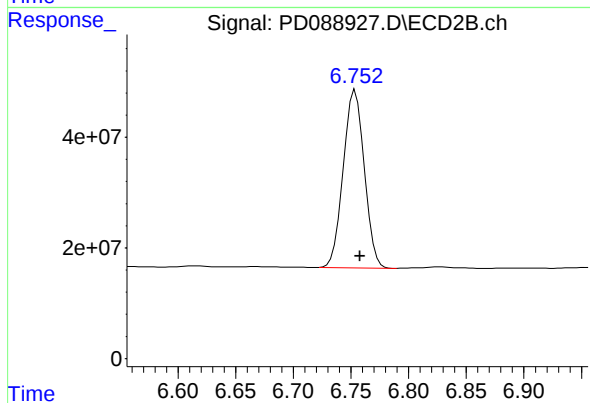
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 803341491
Conc: 45.24 ng/ml



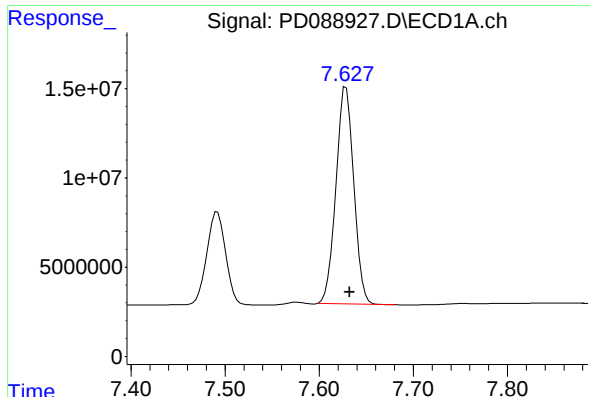
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 72360241
Conc: 43.32 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 405182396
Conc: 42.32 ng/ml



#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 160048563
Conc: 46.75 ng/ml

Instrument :

ECD_D

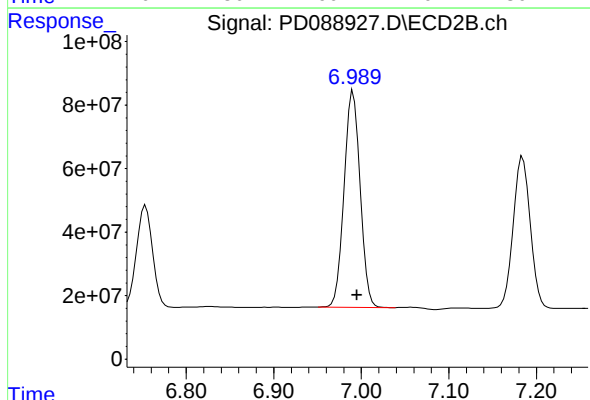
ClientSampleId :

PSTDCCC050

Manual Integrations

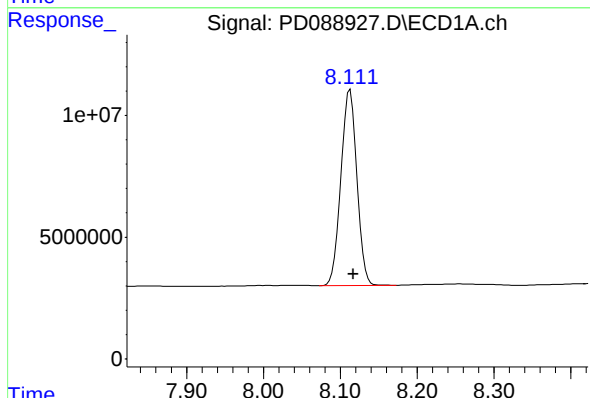
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



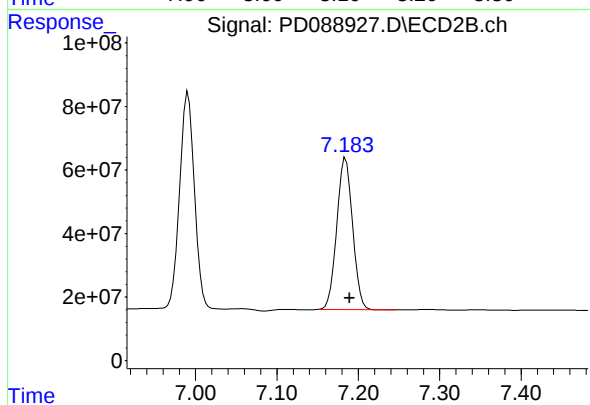
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 864834469
Conc: 44.70 ng/ml



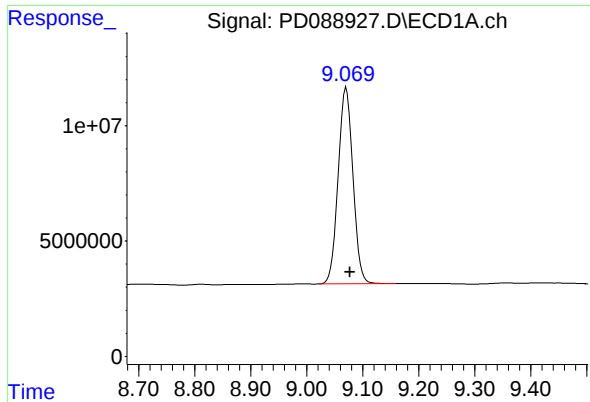
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 115072560
Conc: 44.29 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 644807209
Conc: 42.41 ng/ml



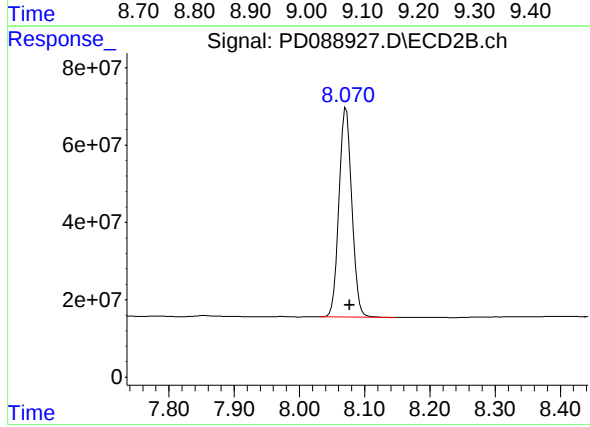
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.007 min
Response: 156266336
Conc: 45.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/13/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 740304138
Conc: 40.55 ng/ml