

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061625\
 Data File : PD088965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 11:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 11:50:24 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 x 0.5 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...	3.550	2.879	125.2E6	737.4E6	57.872	48.750
28)	SA Decachlor...	9.072	8.071	161.7E6	843.1E6	47.261	46.183
Target Compounds							
2)	A alpha-BHC	3.999	3.392	264.9E6	1176.4E6	55.451	49.215
3)	MA gamma-BHC...	4.330	3.728	252.1E6	1089.3E6	54.781	49.142
4)	MA Heptachlor	4.929	4.082	241.6E6	1059.4E6	54.035	47.177
5)	MB Aldrin	5.271	4.368	238.5E6	1074.3E6	54.277	48.986
6)	B beta-BHC	4.515	4.024	98310332	472.3E6	54.521	48.478
7)	B delta-BHC	4.764	4.261	246.6E6	1098.3E6	58.358	49.264
8)	B Heptachlo...	5.691	4.871	211.0E6	958.7E6	53.148	48.243
9)	A Endosulfan I	6.074	5.245	199.3E6	911.6E6	52.965	48.035
10)	B gamma-Chl...	5.946	5.124	213.9E6	1041.4E6	53.614	48.821
11)	B alpha-Chl...	6.027	5.189	214.4E6	996.6E6	53.508	48.320
12)	B 4,4'-DDE	6.195	5.373	193.0E6	1007.6E6	53.779	48.205m
13)	MA Dieldrin	6.347	5.512	213.5E6	1014.3E6	53.215	48.197
14)	MA Endrin	6.574	5.788	175.8E6	883.9E6	51.471	45.835
15)	B Endosulfa...	6.786	6.079	179.3E6	880.1E6	52.081	48.036
16)	A 4,4'-DDD	6.705	5.928	153.3E6	843.4E6	55.054	48.493
17)	MA 4,4'-DDT	7.021	6.182	159.9E6	844.3E6	51.222	46.553
18)	B Endrin al...	6.915	6.257	125.2E6	623.1E6	48.612	44.737
19)	B Endosulfa...	7.149	6.481	166.7E6	842.7E6	52.033	47.458
20)	A Methoxychlor	7.493	6.752	81382281	422.8E6	48.716	44.158
21)	B Endrin ke...	7.629	6.990	179.9E6	938.7E6	52.548	48.518
22)	Mirex	8.113	7.184	133.1E6	711.8E6	51.230	46.821

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061625\
Data File : PD088965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2025 11:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

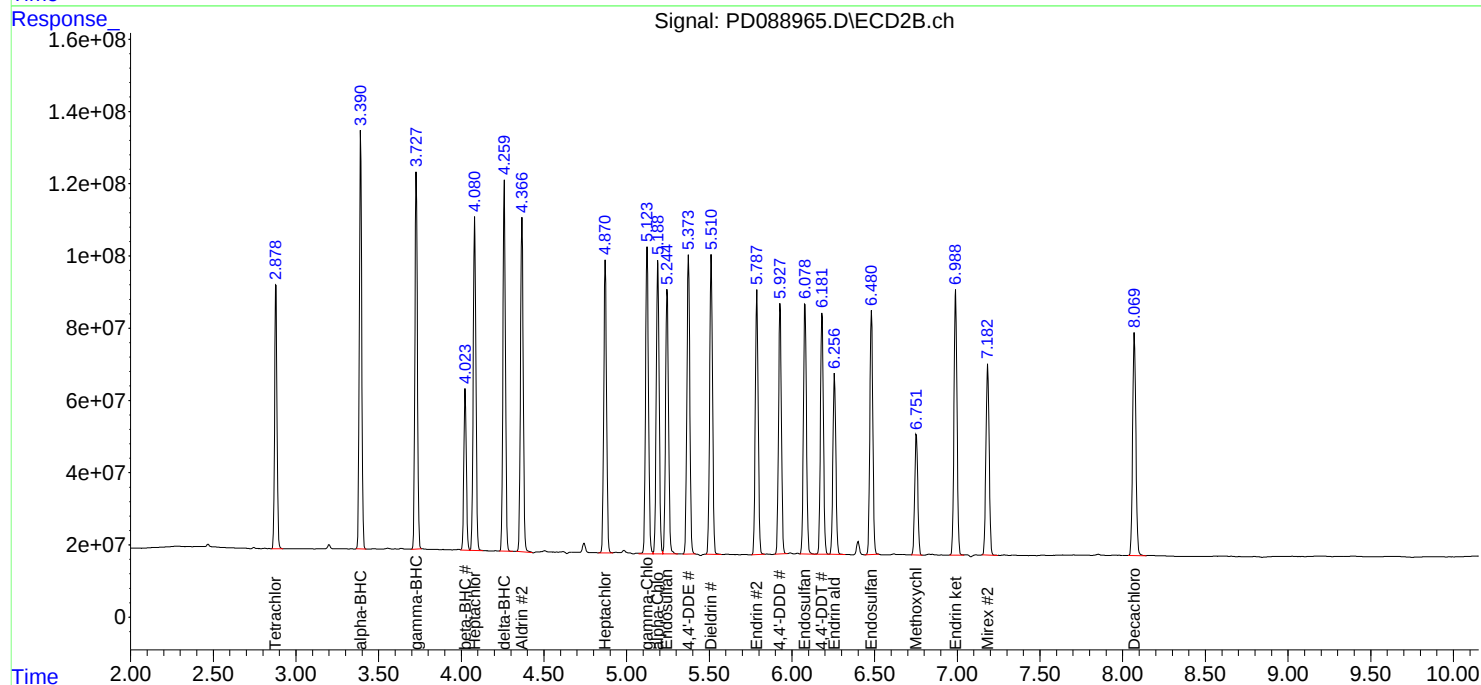
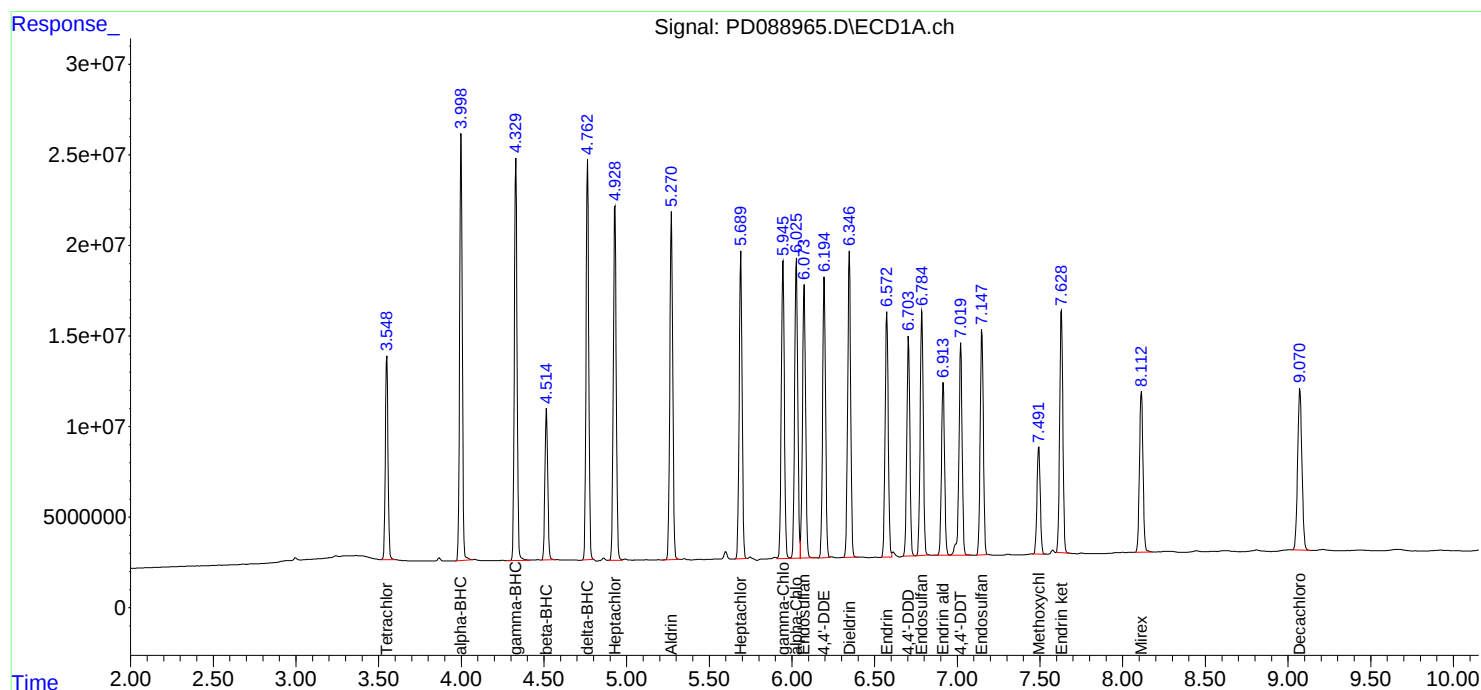
APPROVED

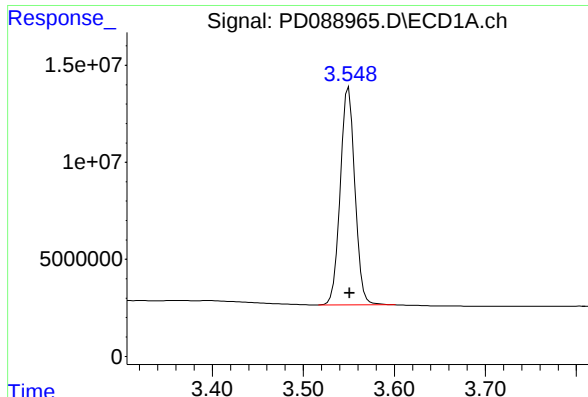
Reviewed By :Abdul Mirza 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 11:50:24 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





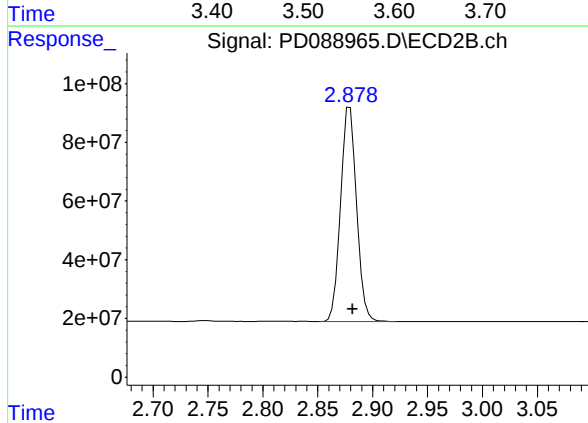
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 125219568
Conc: 57.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

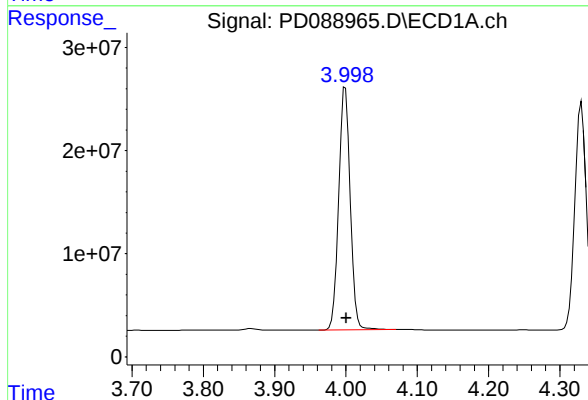
Manual Integrations
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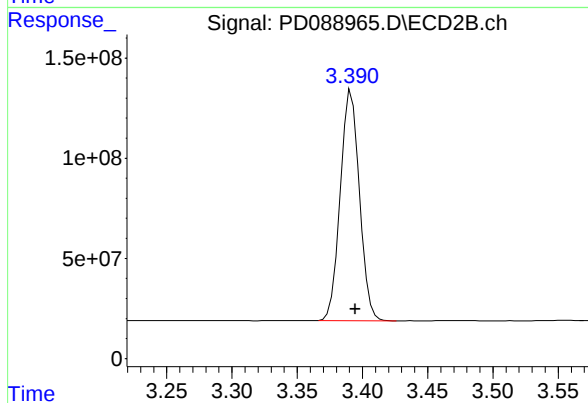
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 737435708
Conc: 48.75 ng/ml



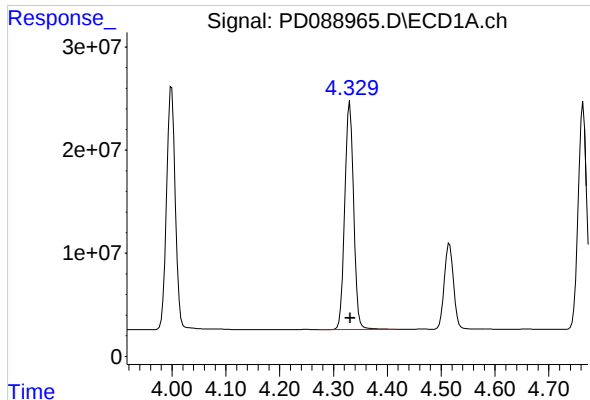
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 264864591
Conc: 55.45 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1176422916
Conc: 49.22 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 252140025
Conc: 54.78 ng/ml

Instrument :

ECD_D

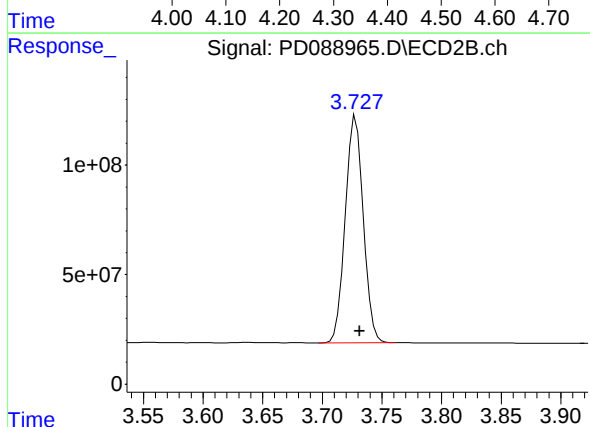
ClientSampleId :

PSTDCCC050

Manual Integrations

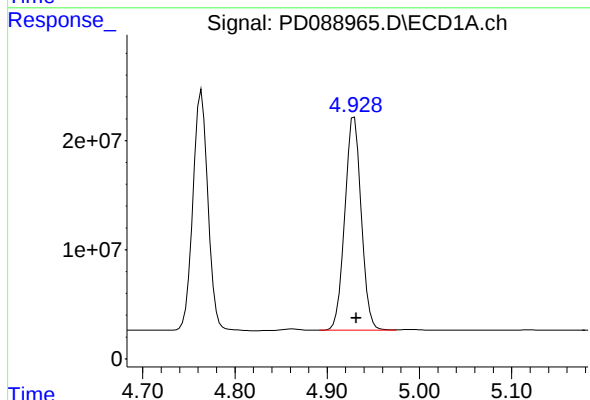
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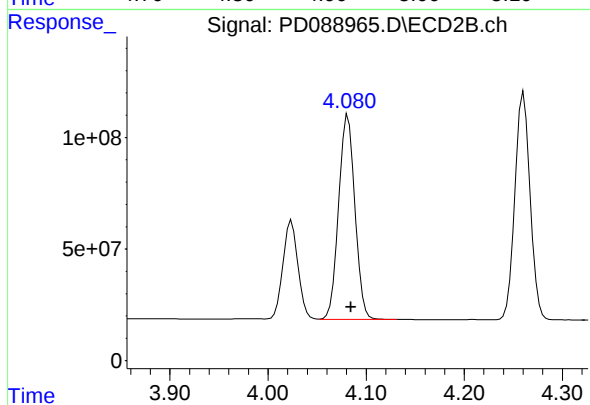
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1089256856
Conc: 49.14 ng/ml



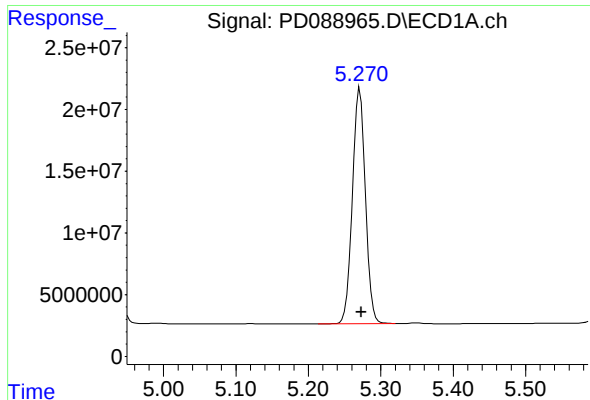
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 241601396
Conc: 54.03 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1059360343
Conc: 47.18 ng/ml



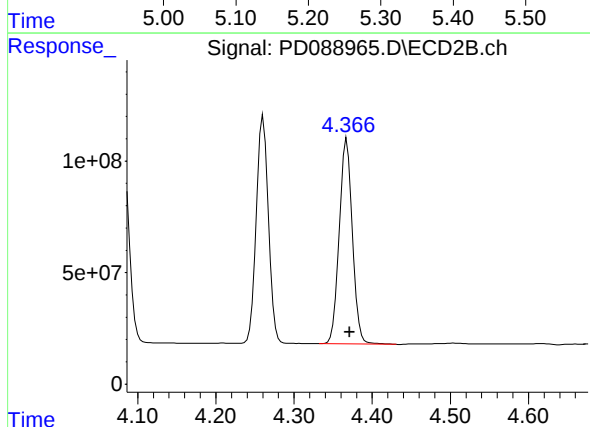
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 238518925
Conc: 54.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

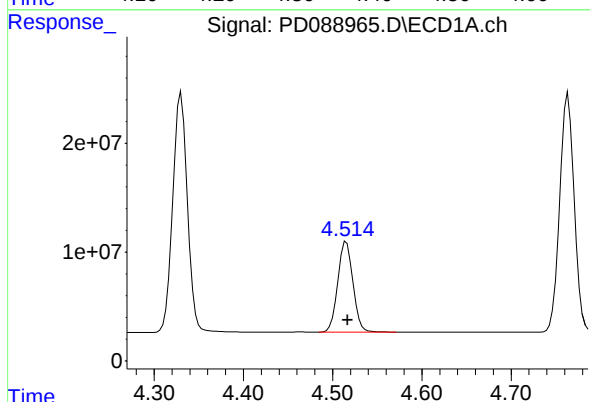
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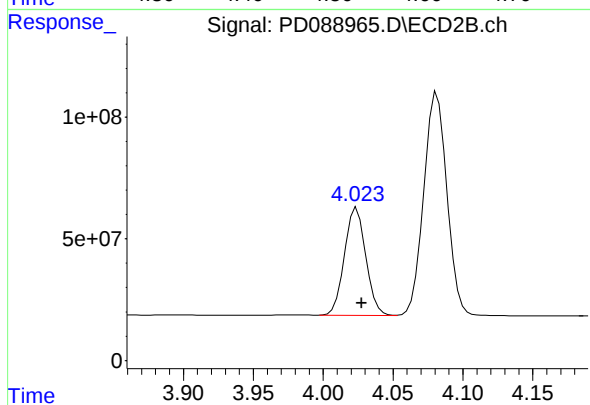
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.004 min
Response: 1074252862
Conc: 48.99 ng/ml



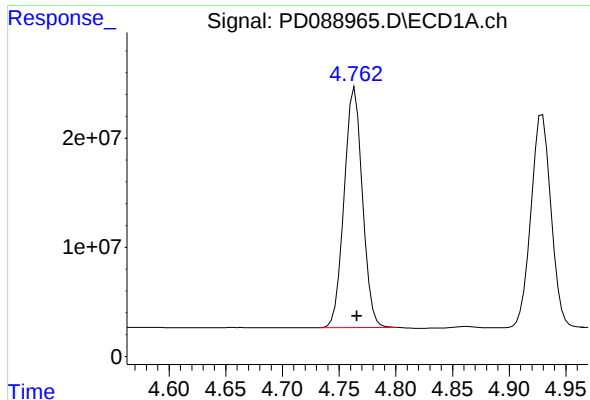
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 98310332
Conc: 54.52 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 472267755
Conc: 48.48 ng/ml



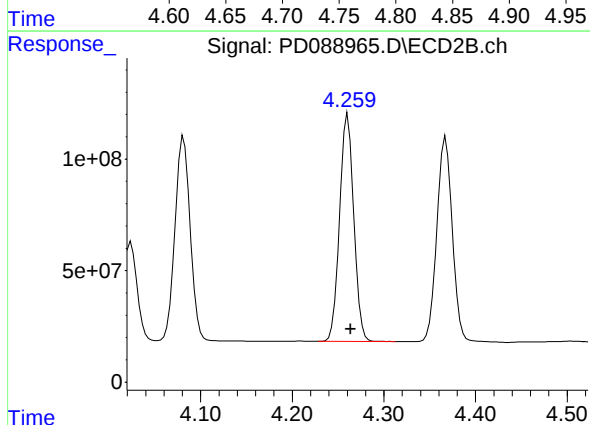
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 246629192
Conc: 58.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

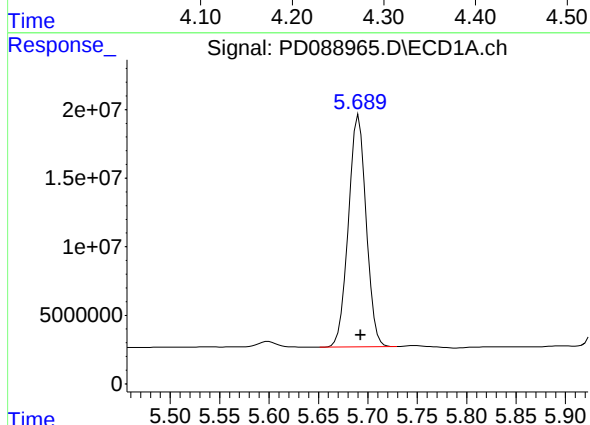
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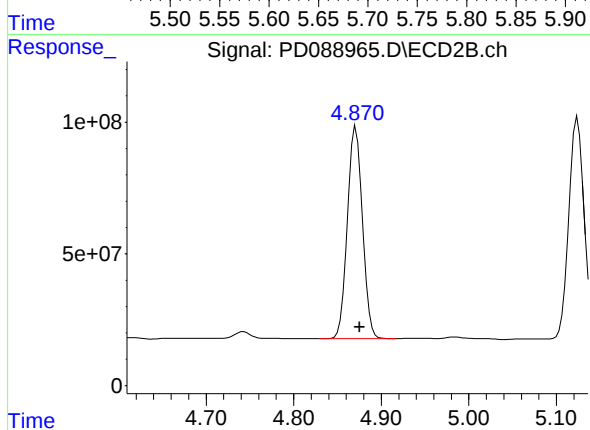
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1098307316
Conc: 49.26 ng/ml



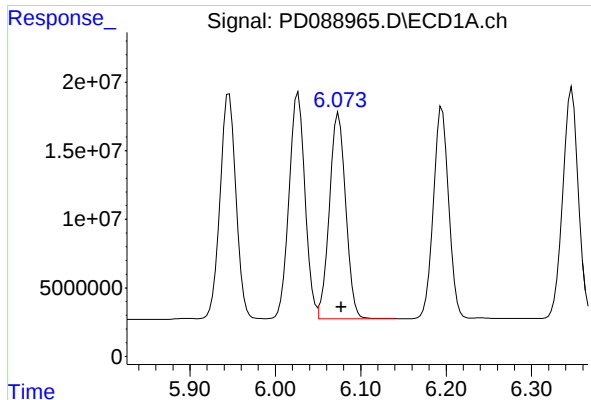
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 210961671
Conc: 53.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 958657539
Conc: 48.24 ng/ml



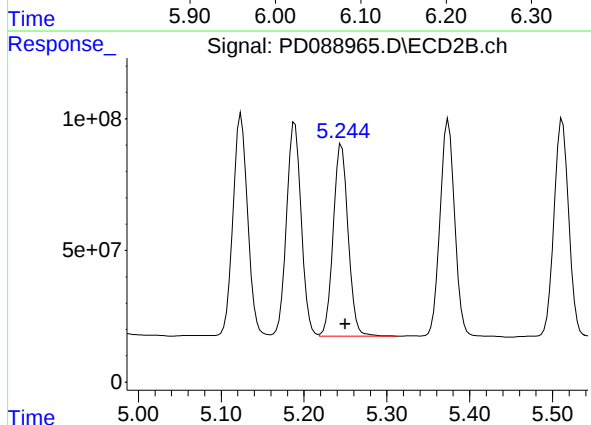
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 199301350
Conc: 52.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

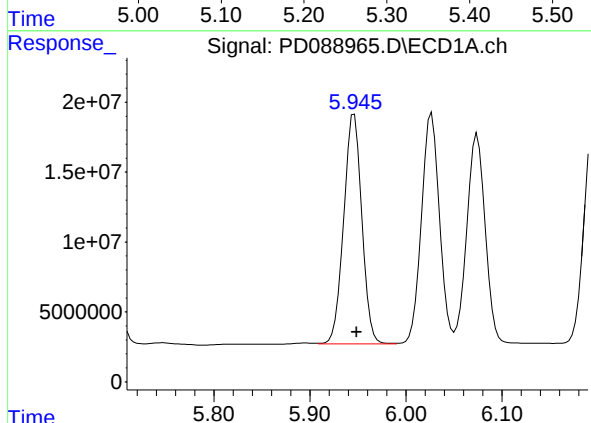
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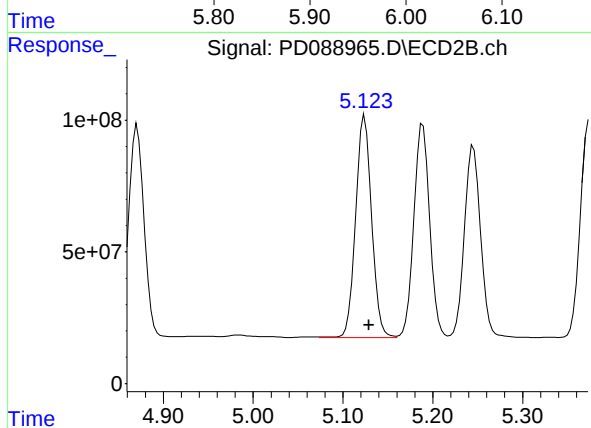
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.005 min
Response: 911638265
Conc: 48.04 ng/ml



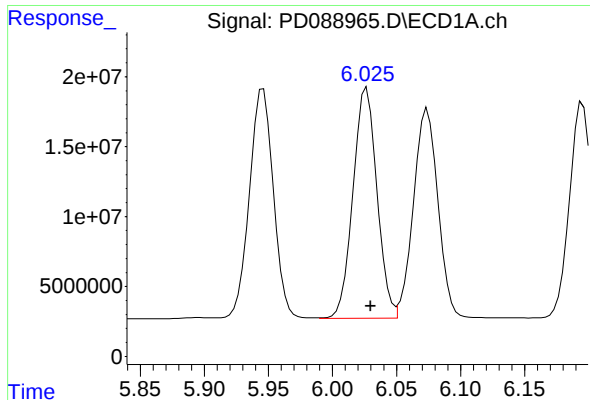
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 213865272
Conc: 53.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 1041440639
Conc: 48.82 ng/ml



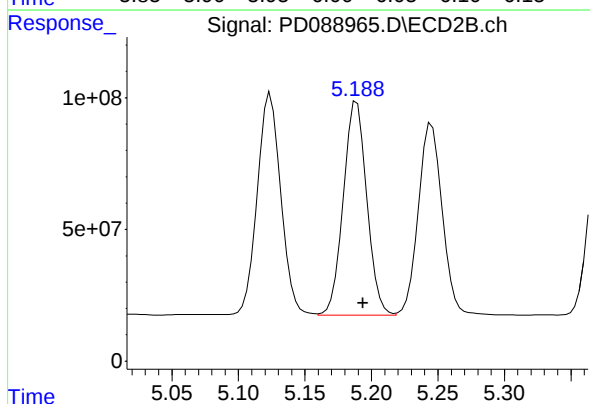
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 214366002
Conc: 53.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

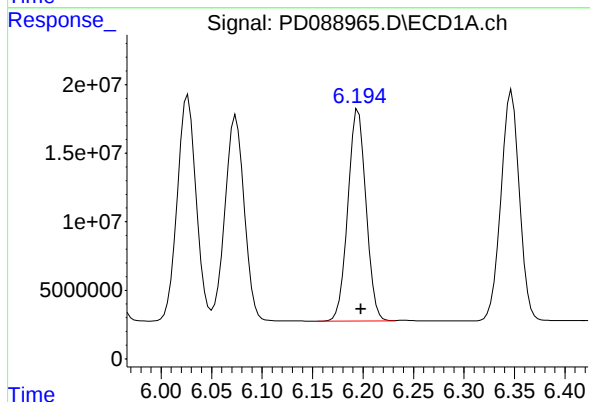
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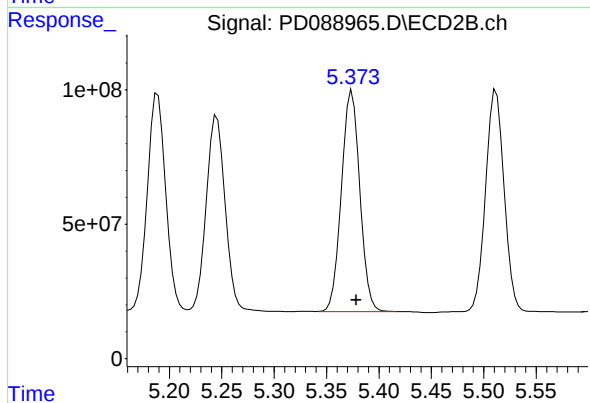
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 996587815
Conc: 48.32 ng/ml



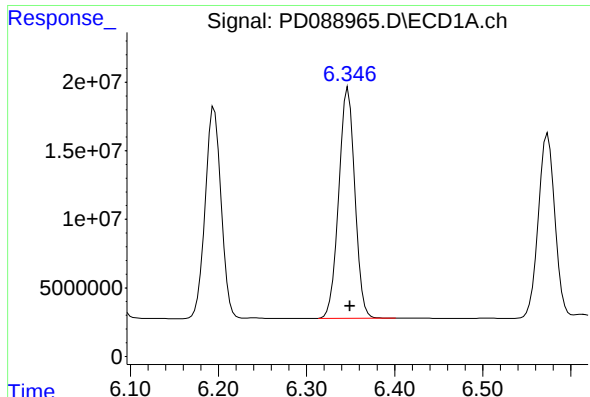
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 193034816
Conc: 53.78 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 1007622662
Conc: 48.21 ng/ml m



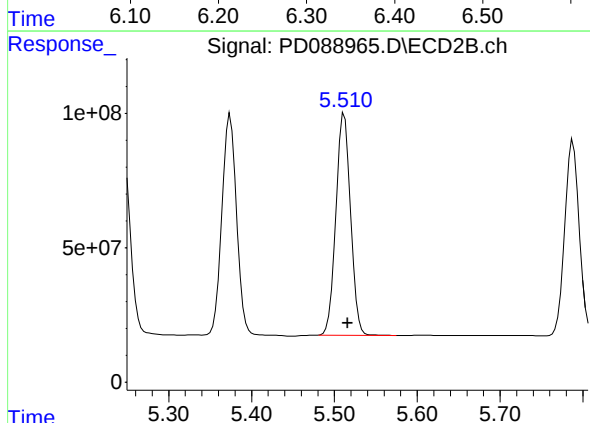
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 213482703
Conc: 53.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

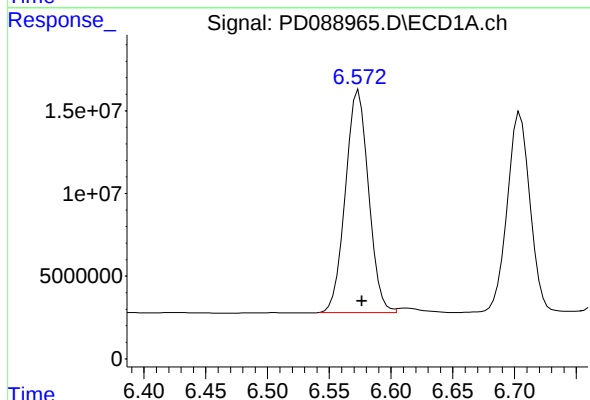
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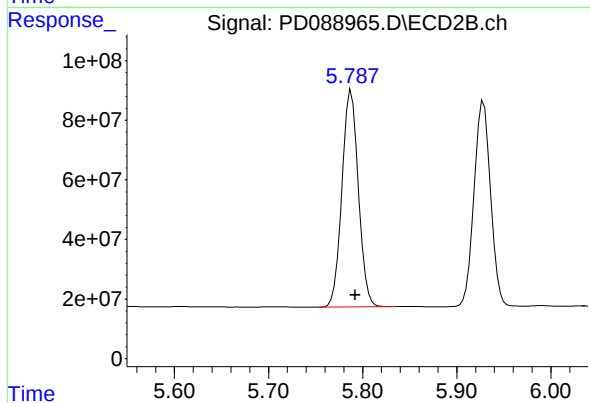
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 1014256209
Conc: 48.20 ng/ml



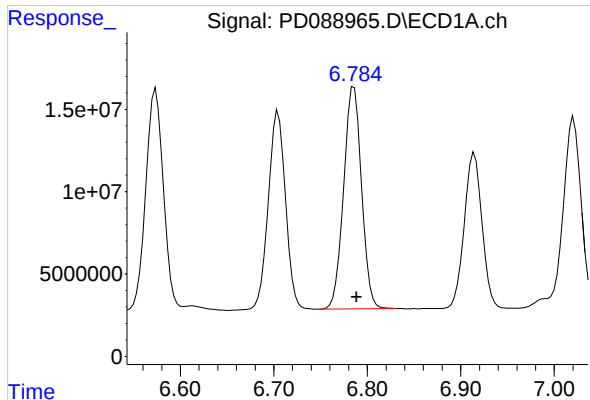
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 175784084
Conc: 51.47 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 883875352
Conc: 45.83 ng/ml



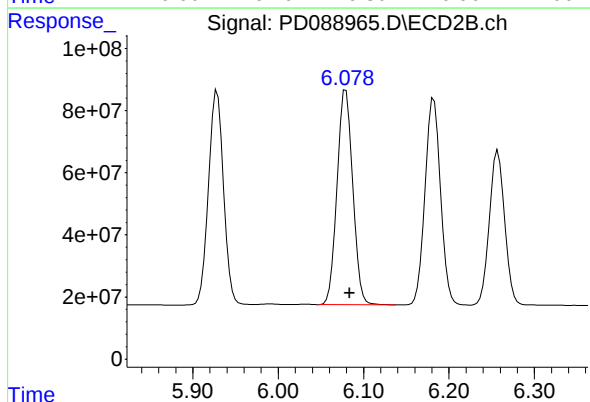
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 179346500
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

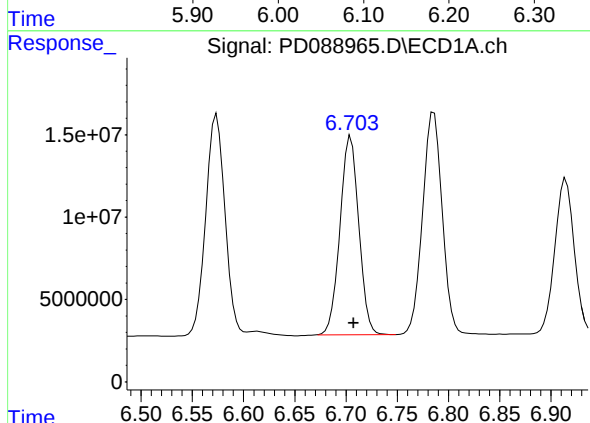
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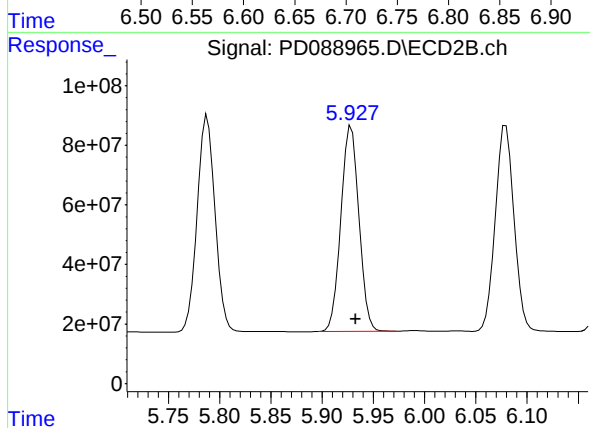
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 880113909
Conc: 48.04 ng/ml



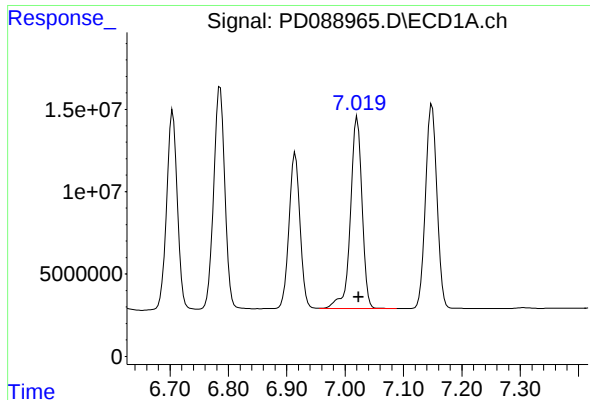
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.003 min
Response: 153331481
Conc: 55.05 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 843398630
Conc: 48.49 ng/ml



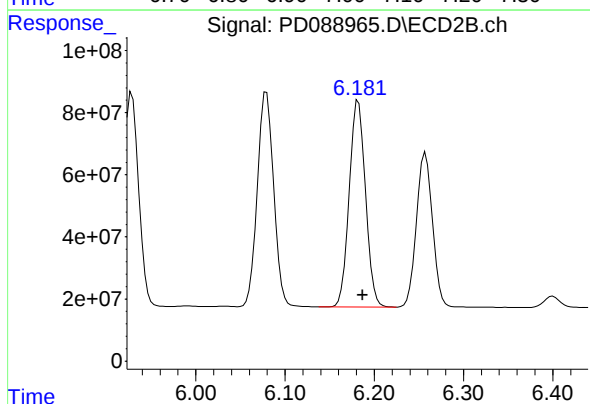
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 159917173
Conc: 51.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

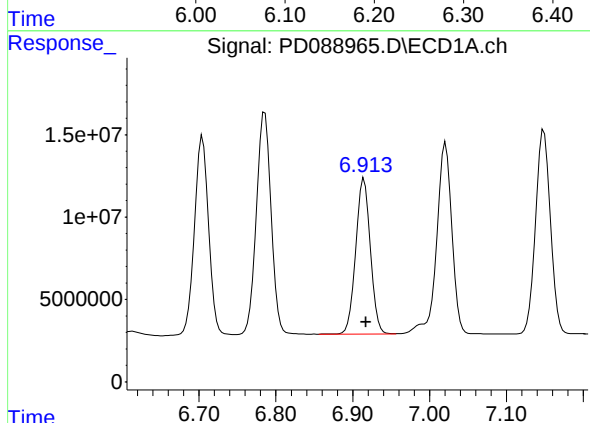
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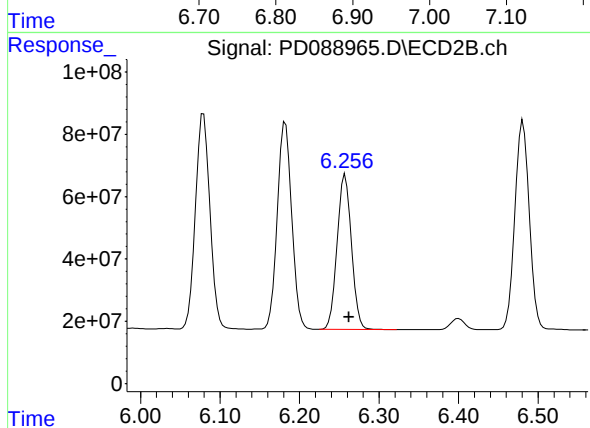
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 844345166
Conc: 46.55 ng/ml



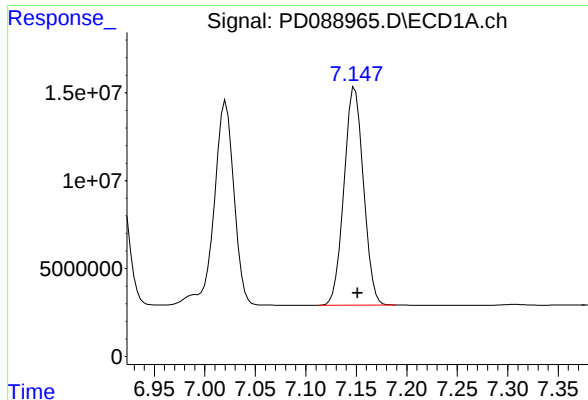
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 125157052
Conc: 48.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 623135967
Conc: 44.74 ng/ml



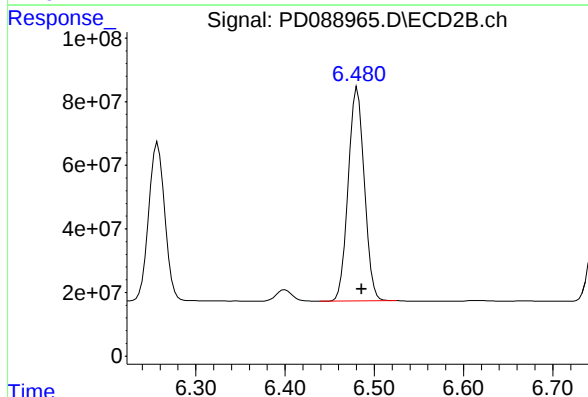
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 166665148
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

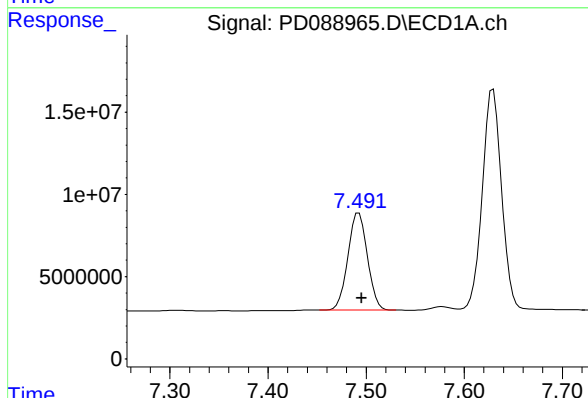
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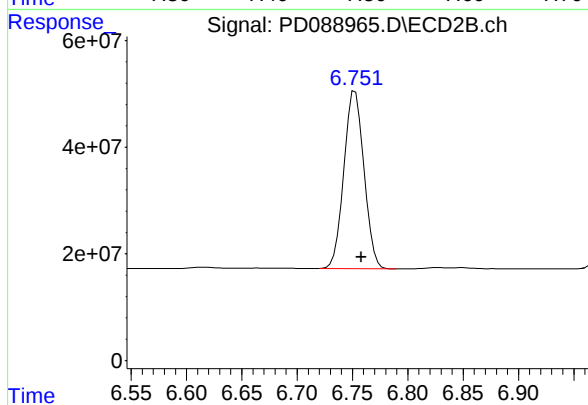
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 842653842
Conc: 47.46 ng/ml



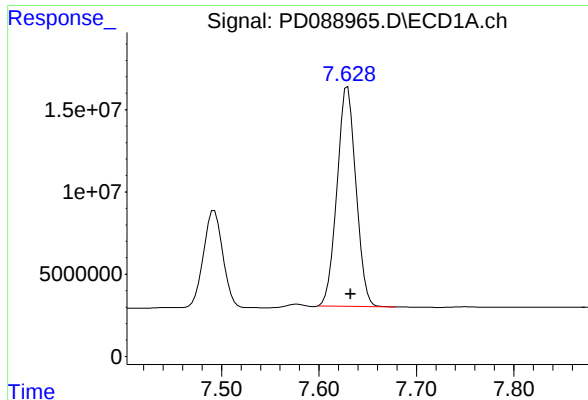
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 81382281
Conc: 48.72 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 422800908
Conc: 44.16 ng/ml



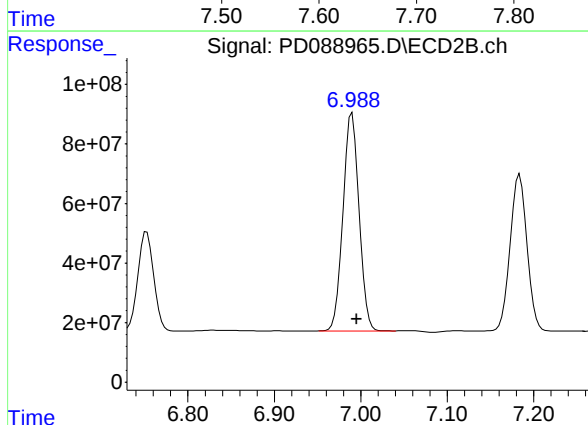
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 179879620
Conc: 52.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

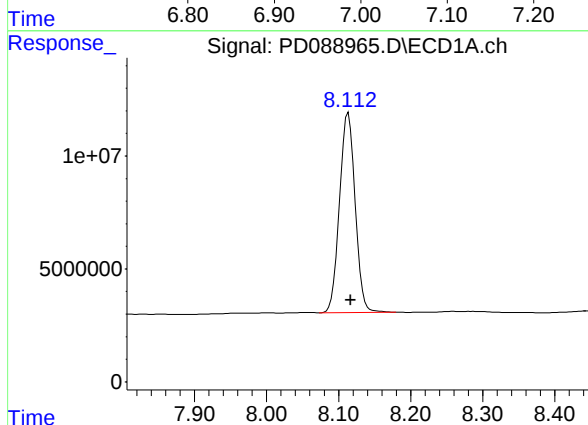
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



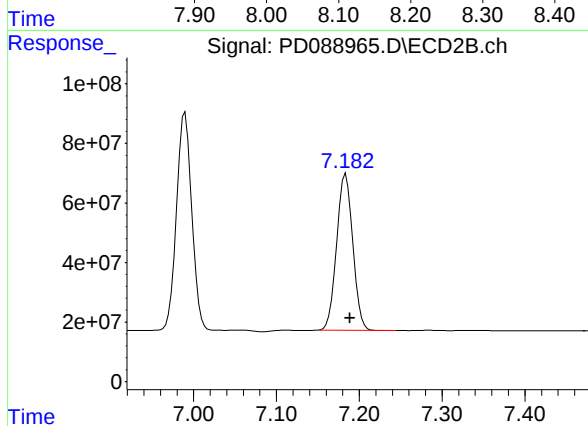
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 938702751
Conc: 48.52 ng/ml



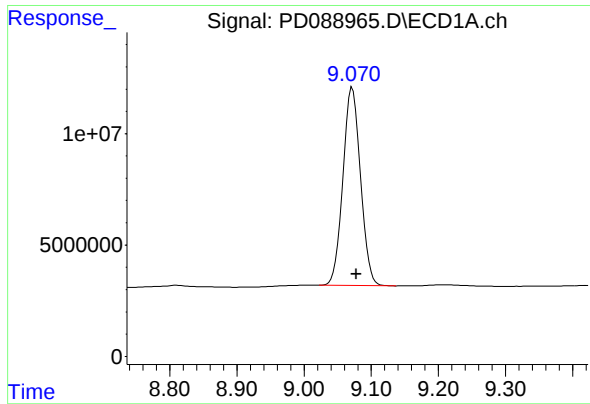
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 133110309
Conc: 51.23 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 711782302
Conc: 46.82 ng/ml



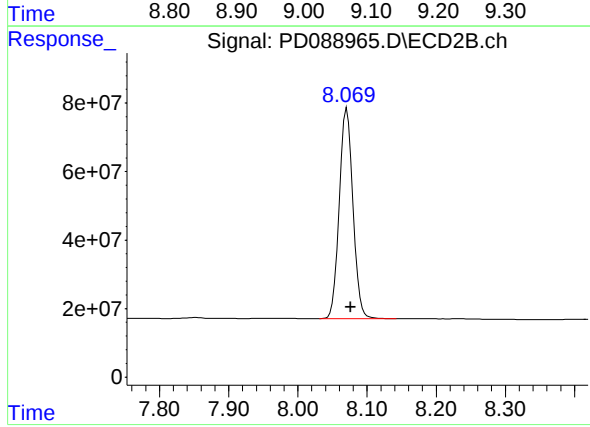
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.006 min
Response: 161743883
Conc: 47.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/17/2025
Supervised By :mohammad ahmed 06/18/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.006 min
Response: 843126686
Conc: 46.18 ng/ml