

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 15:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:27:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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...	3.555	2.882	108.2E6	675.0E6	54.330	56.127
28) SA Decachlor...	9.086	8.083	153.6E6	740.0E6	50.377	52.359
Target Compounds						
2) A alpha-BHC	4.006	3.396	231.0E6	1058.3E6	57.410	56.619
3) MA gamma-BHC...	4.336	3.733	224.4E6	991.0E6	56.386m	55.819
4) MA Heptachlor	4.937	4.088	202.2E6	937.2E6	54.240	54.096
5) MB Aldrin	5.279	4.374	212.0E6	985.3E6	55.379	56.393
6) B beta-BHC	4.521	4.029	84487684	418.4E6	53.518	54.855
7) B delta-BHC	4.770	4.267	227.7E6	1012.6E6	56.446	55.956
8) B Heptachlo...	5.699	4.878	185.8E6	874.2E6	54.381	55.352
9) A Endosulfan I	6.083	5.253	170.5E6	823.5E6	54.117	55.254
10) B gamma-Chl...	5.954	5.132	179.4E6	907.5E6	54.284	55.797
11) B alpha-Chl...	6.035	5.197	179.9E6	881.0E6	54.010	55.220
12) B 4,4'-DDE	6.204	5.382	164.6E6	886.1E6	54.553	56.317
13) MA Dieldrin	6.356	5.519	183.9E6	902.9E6	54.461	55.421
14) MA Endrin	6.583	5.796	147.4E6	785.4E6	50.848	52.735
15) B Endosulfa...	6.794	6.087	148.5E6	776.4E6	51.725	54.390
16) A 4,4'-DDD	6.713	5.937	135.9E6	759.4E6	56.463	57.435
17) MA 4,4'-DDT	7.028	6.191	123.7E6	680.2E6	48.020m	50.534
18) B Endrin al...	6.923	6.266	120.5E6	630.7E6	51.998	54.102
19) B Endosulfa...	7.158	6.489	143.2E6	767.8E6	52.225	54.005
20) A Methoxychlor	7.502	6.763	69473160	375.1E6	47.330	49.084
21) B Endrin ke...	7.638	6.999	163.0E6	862.4E6	53.024	55.268
22) Mirex	8.123	7.194	115.5E6	666.4E6	49.809	52.630

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 15:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

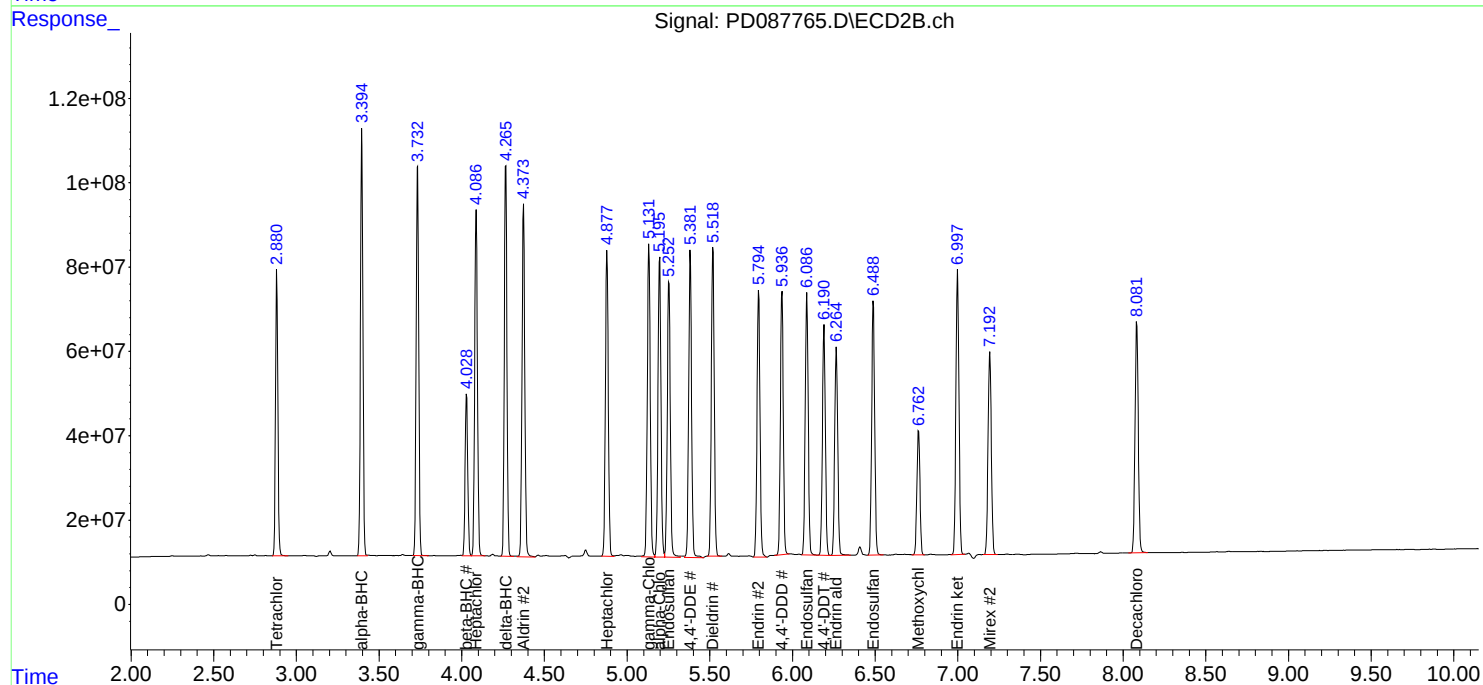
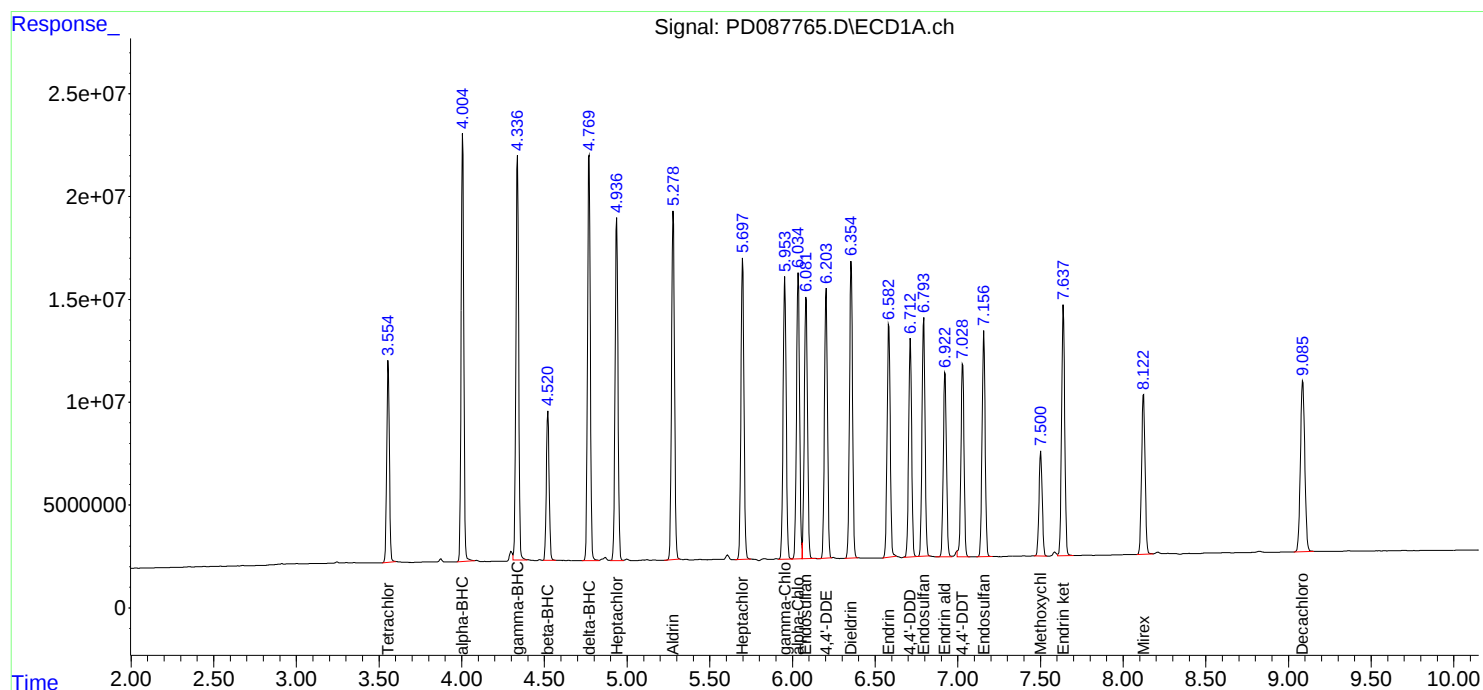
APPROVED

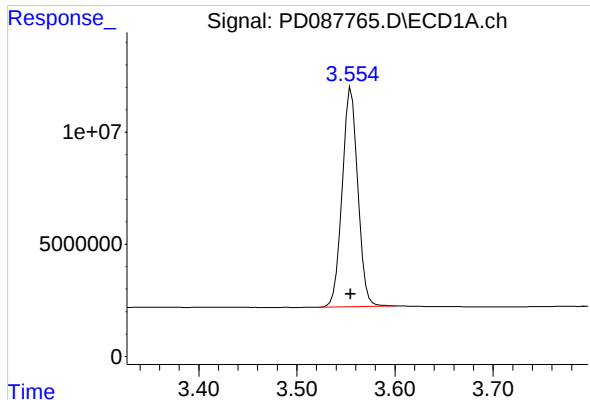
Reviewed By :Abdul Mirza 02/07/2025

Supervised By :Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:27:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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





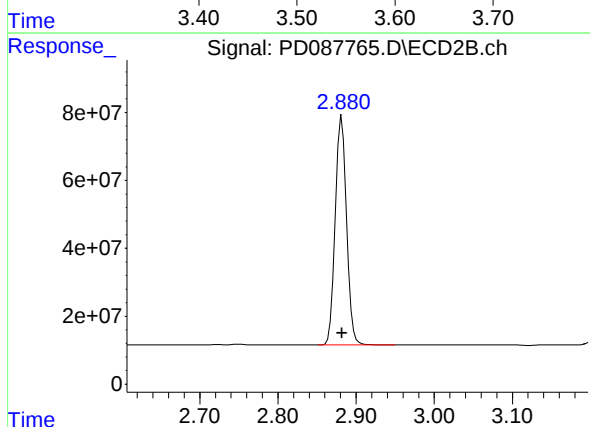
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 108244677
Conc: 54.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

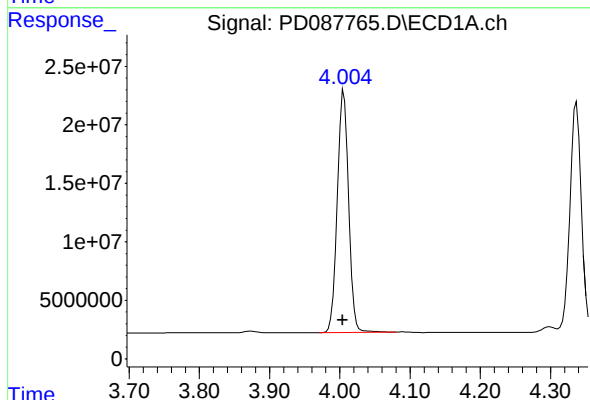
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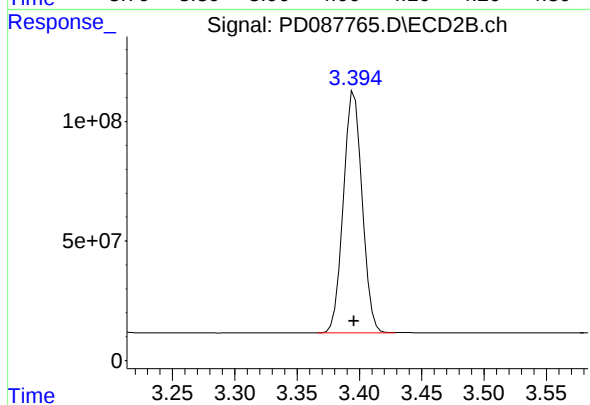
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 675034403
Conc: 56.13 ng/ml



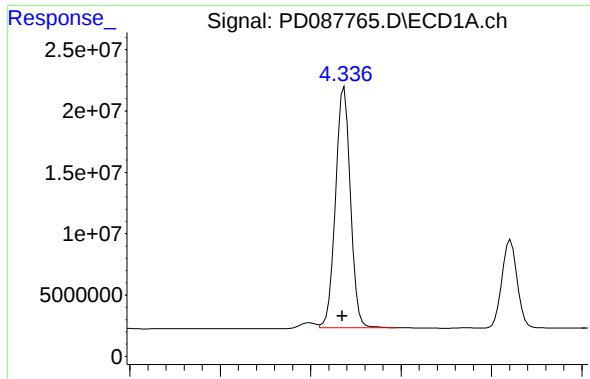
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 231035237
Conc: 57.41 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1058303590
Conc: 56.62 ng/ml



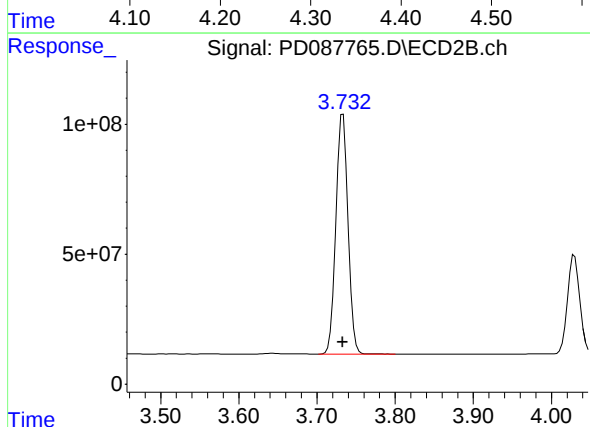
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 224389346
Conc: 56.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

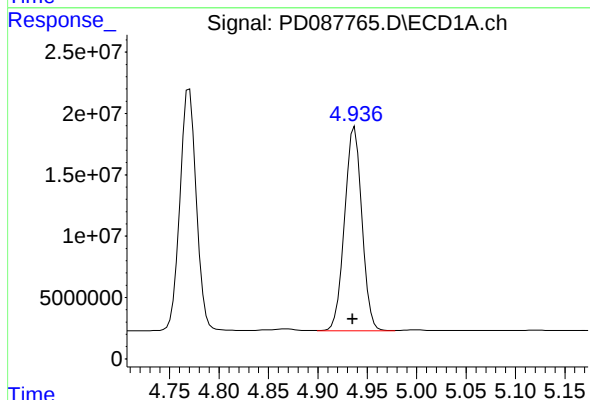
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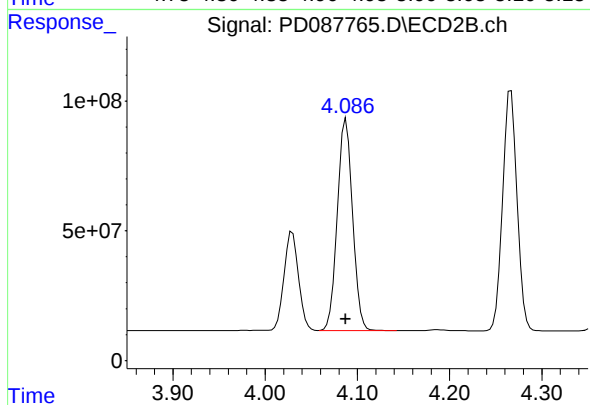
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 991042926
Conc: 55.82 ng/ml



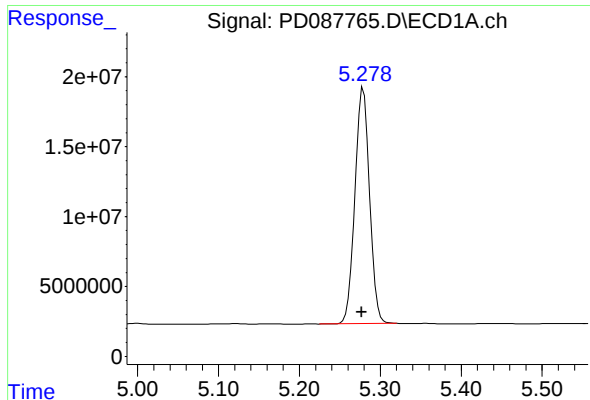
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 202198972
Conc: 54.24 ng/ml



#4 Heptachlor

R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 937169185
Conc: 54.10 ng/ml



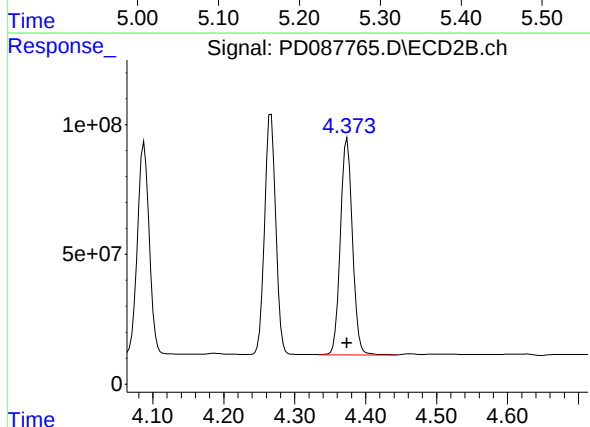
#5 Aldrin

R.T.: 5.279 min
Delta R.T.: 0.002 min
Response: 211973052
Conc: 55.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

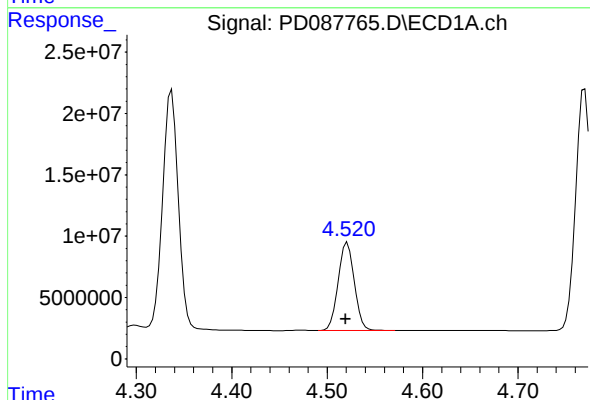
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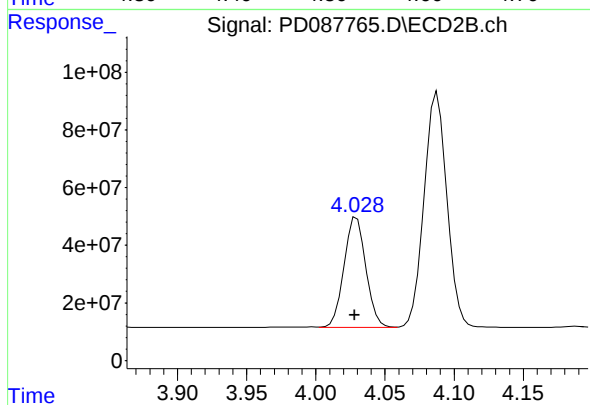
#5 Aldrin

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 985311554
Conc: 56.39 ng/ml



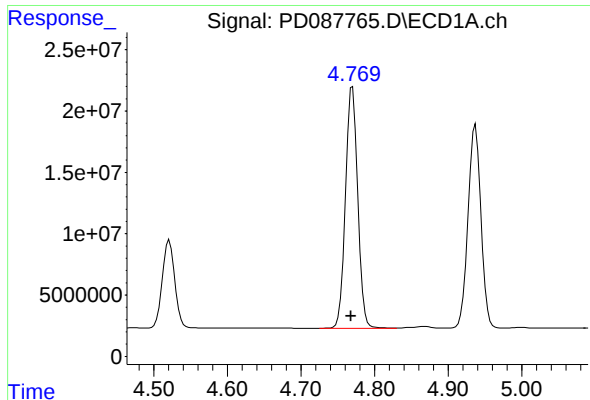
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 84487684
Conc: 53.52 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.001 min
Response: 418372229
Conc: 54.85 ng/ml



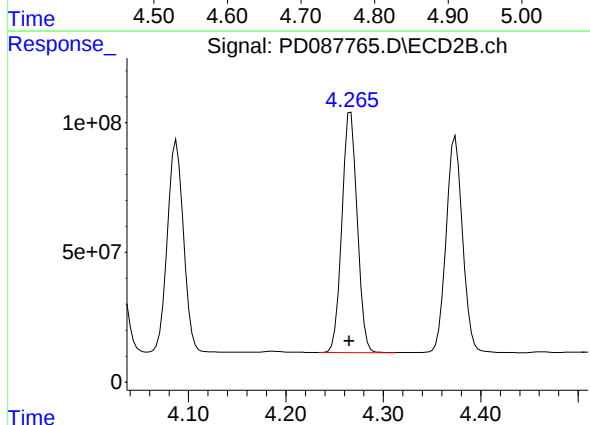
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 227684079
Conc: 56.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

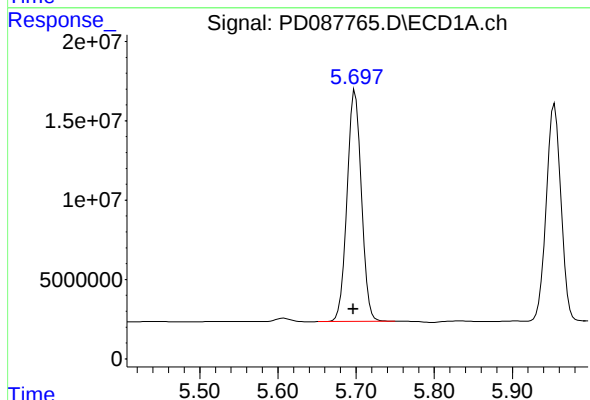
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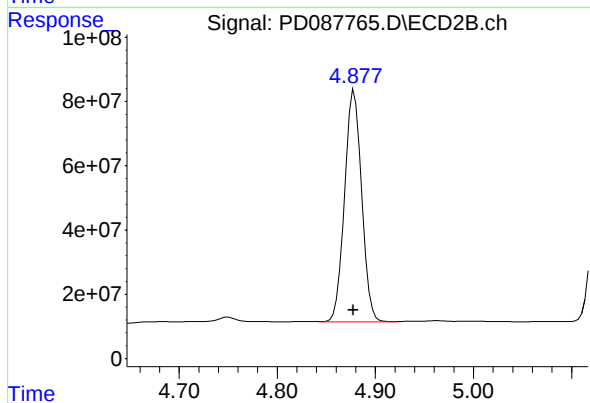
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.002 min
Response: 1012594142
Conc: 55.96 ng/ml



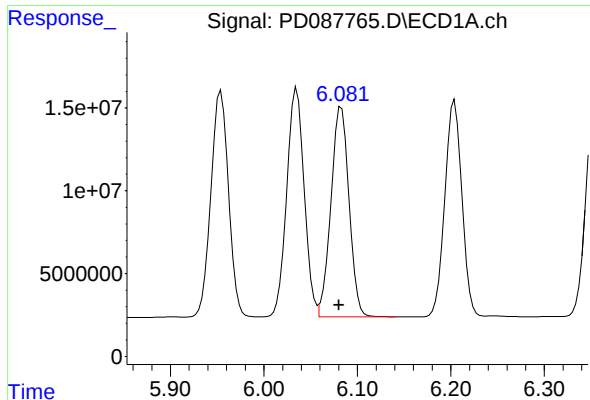
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 185849991
Conc: 54.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 874183979
Conc: 55.35 ng/ml



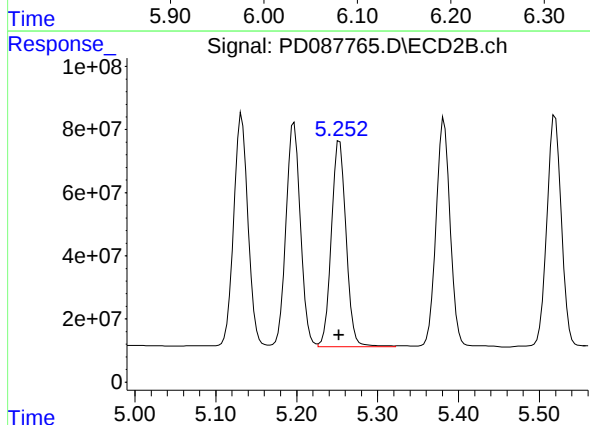
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 170468667
Conc: 54.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

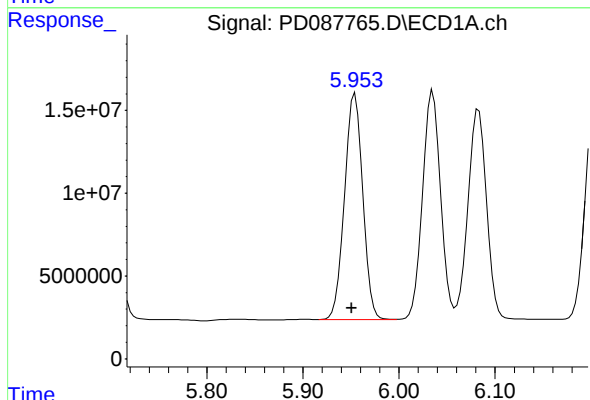
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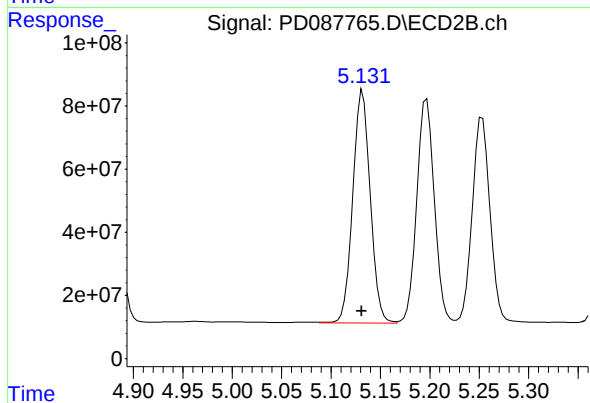
#9 Endosulfan I

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 823503710
Conc: 55.25 ng/ml



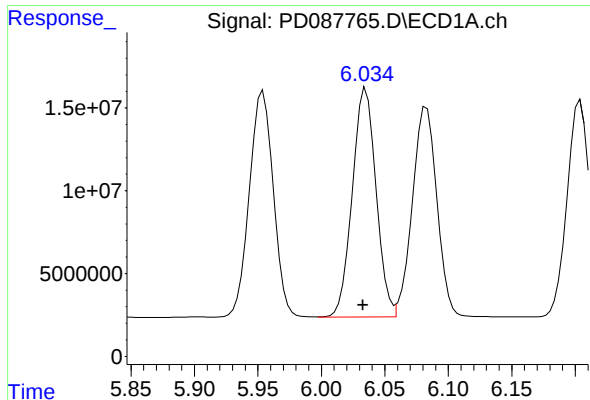
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.003 min
Response: 179412538
Conc: 54.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 907515274
Conc: 55.80 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 179909430
Conc: 54.01 ng/ml

Instrument :

ECD_D

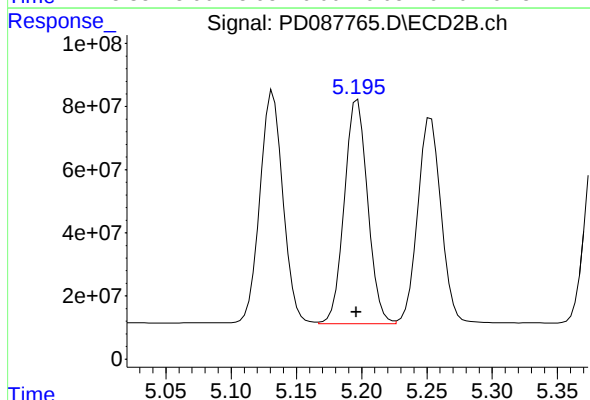
ClientSampleId :

PSTDCCC050

Manual Integrations

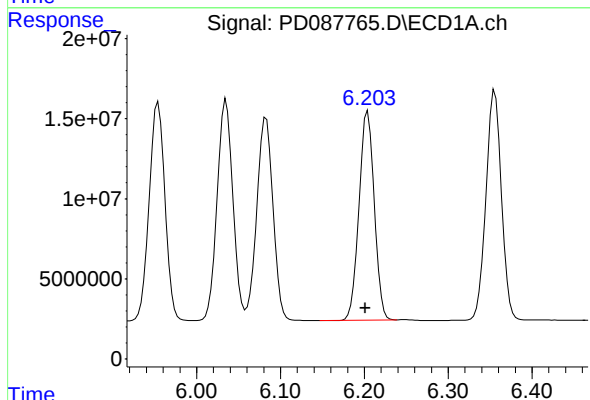
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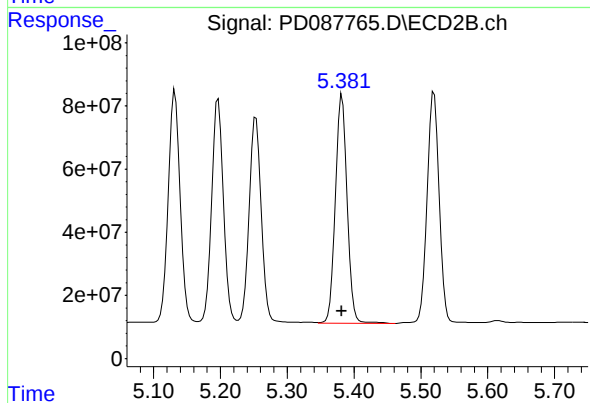
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 880980784
Conc: 55.22 ng/ml



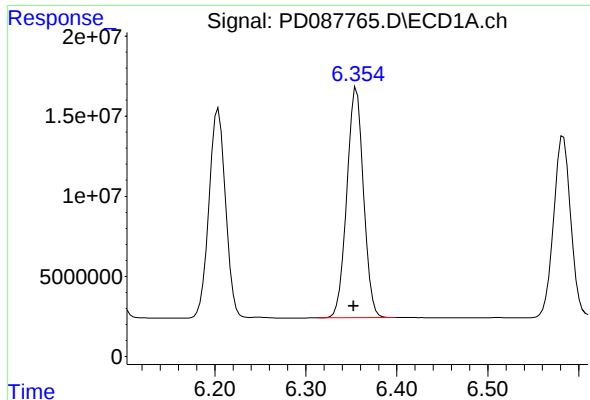
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 164614557
Conc: 54.55 ng/ml



#12 4,4'-DDE

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 886099290
Conc: 56.32 ng/ml



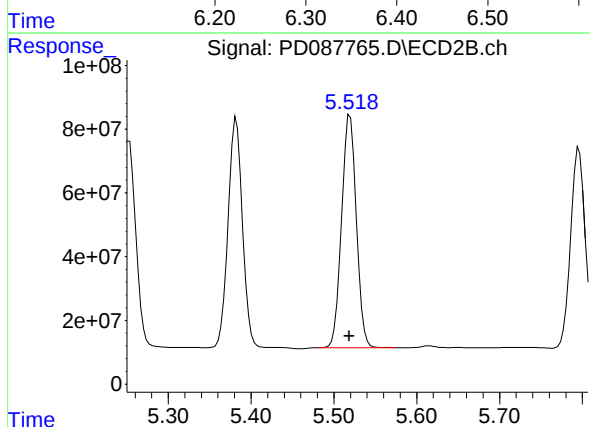
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 183919836
Conc: 54.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

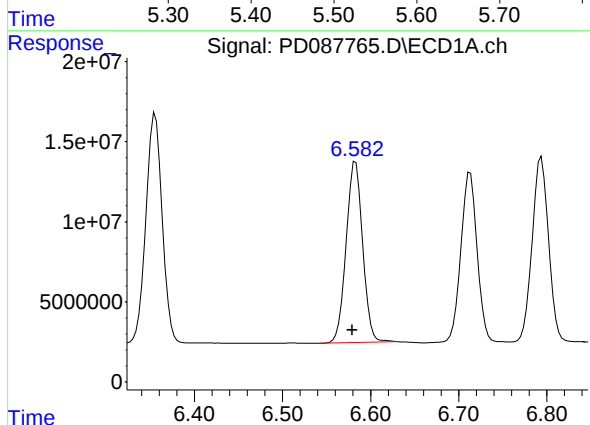
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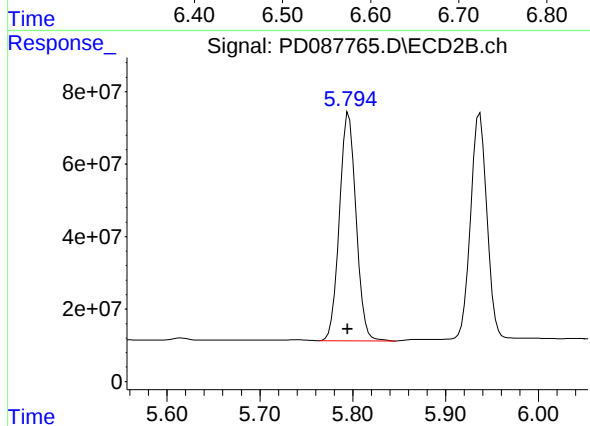
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.001 min
Response: 902865418
Conc: 55.42 ng/ml



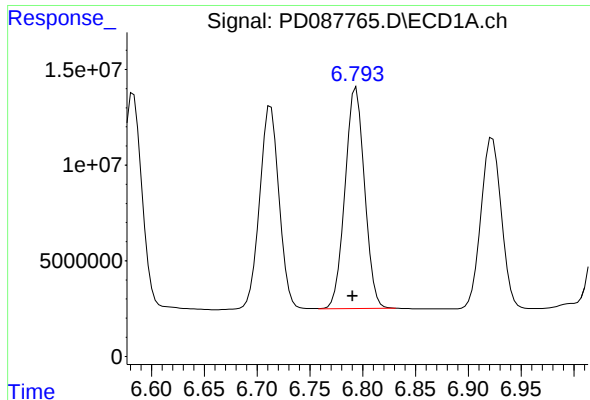
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 147355331
Conc: 50.85 ng/ml



#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.002 min
Response: 785415308
Conc: 52.74 ng/ml



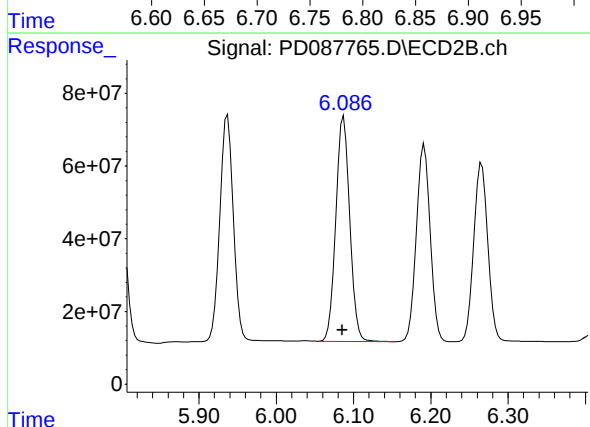
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 148504370
Conc: 51.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

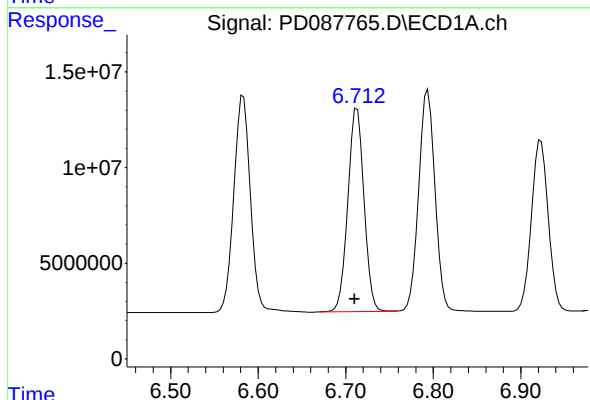
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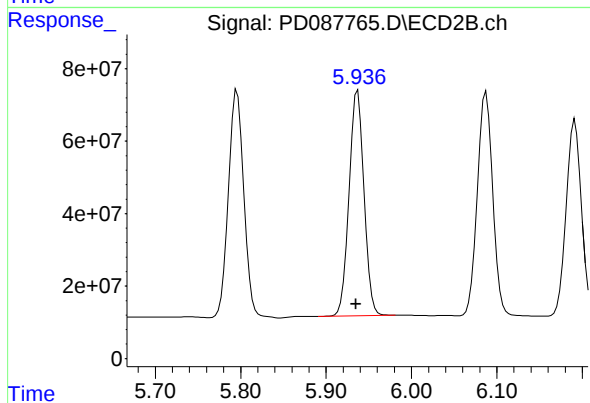
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 776448090
Conc: 54.39 ng/ml



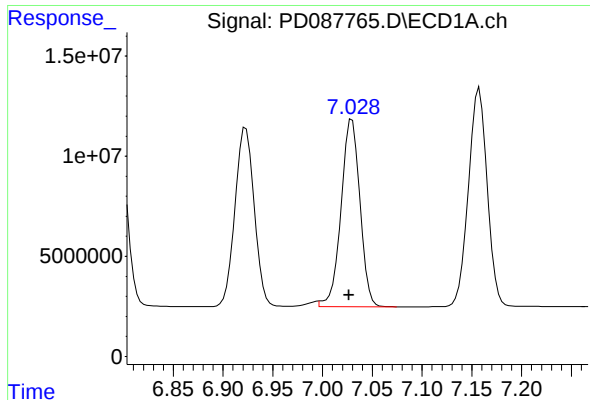
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 135893387
Conc: 56.46 ng/ml



#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 759403448
Conc: 57.43 ng/ml



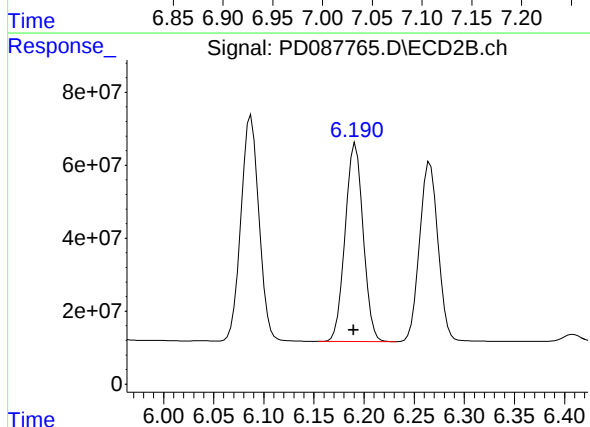
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.002 min
Response: 123682397
Conc: 48.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

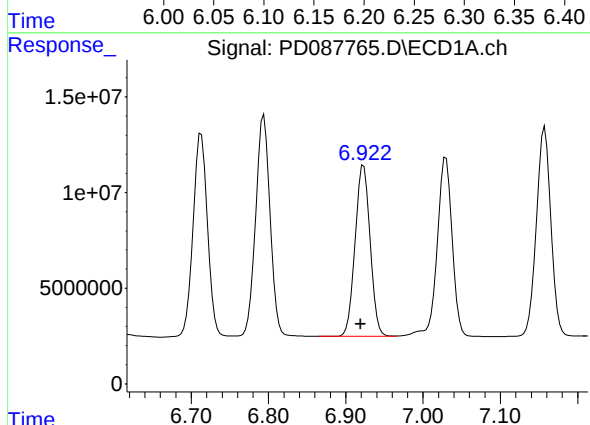
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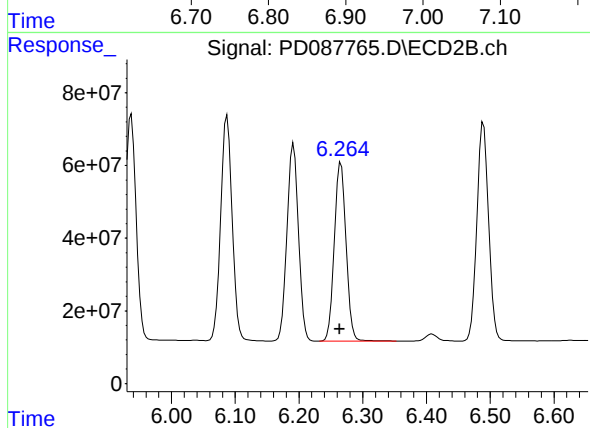
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 680211281
Conc: 50.53 ng/ml



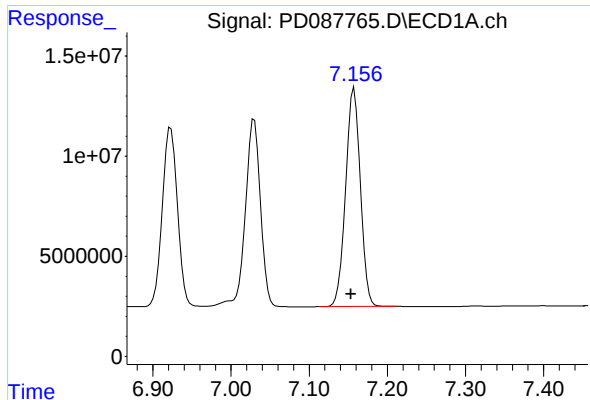
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.004 min
Response: 120457586
Conc: 52.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 630695523
Conc: 54.10 ng/ml



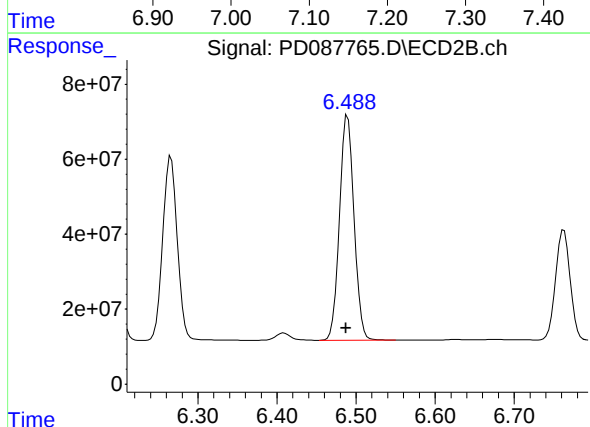
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 143182893
Conc: 52.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

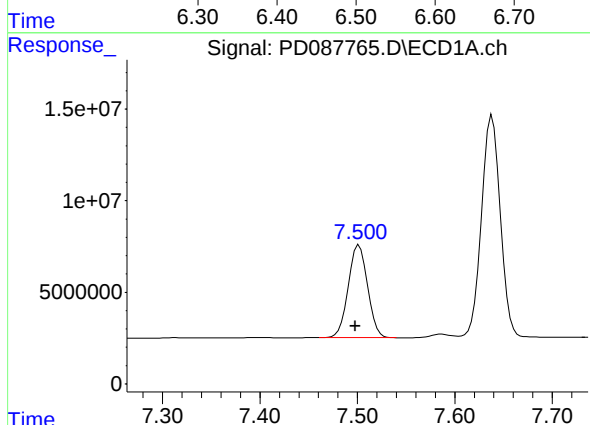
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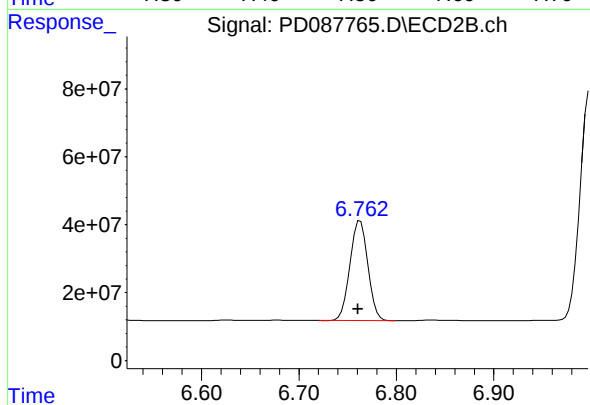
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 767836747
Conc: 54.00 ng/ml



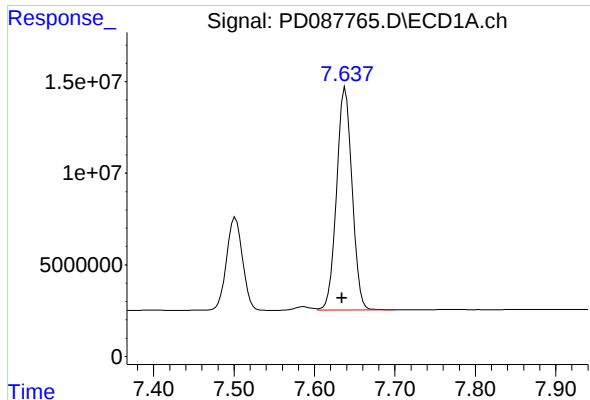
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 69473160
Conc: 47.33 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 375124829
Conc: 49.08 ng/ml



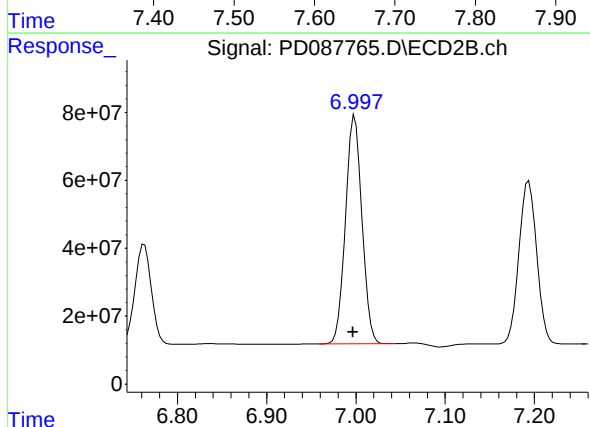
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 163046034
Conc: 53.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

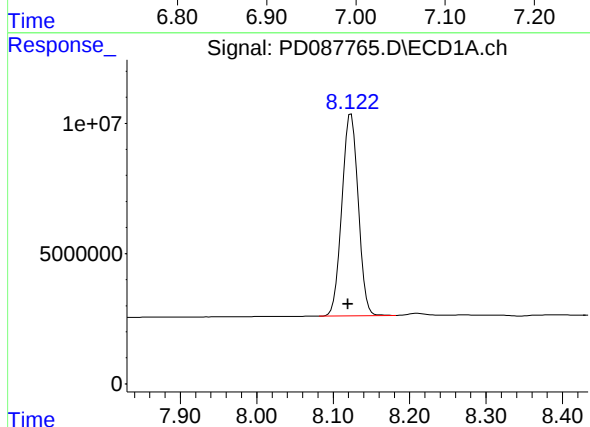
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2025
Supervised By :Ankita Jodhani 02/07/2025



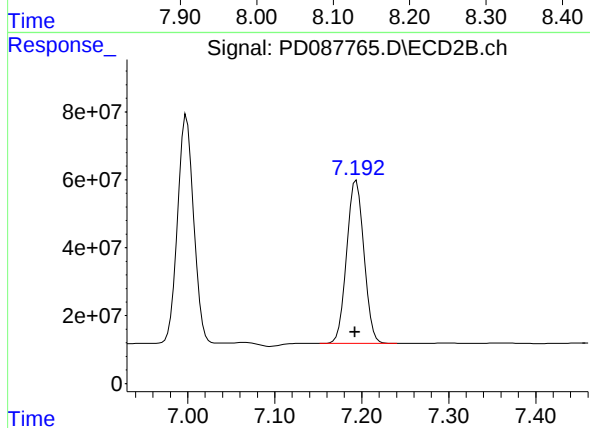
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 862385515
Conc: 55.27 ng/ml



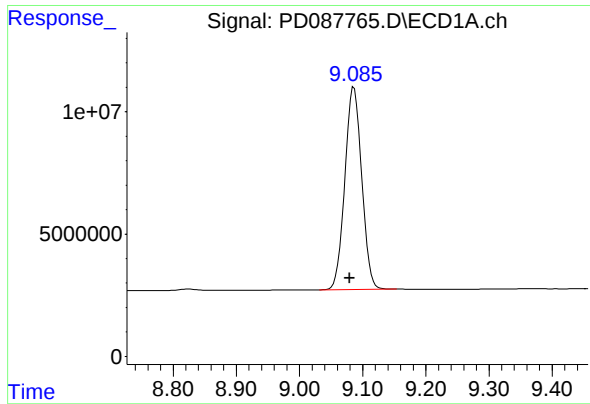
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.004 min
Response: 115462288
Conc: 49.81 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 666410751
Conc: 52.63 ng/ml



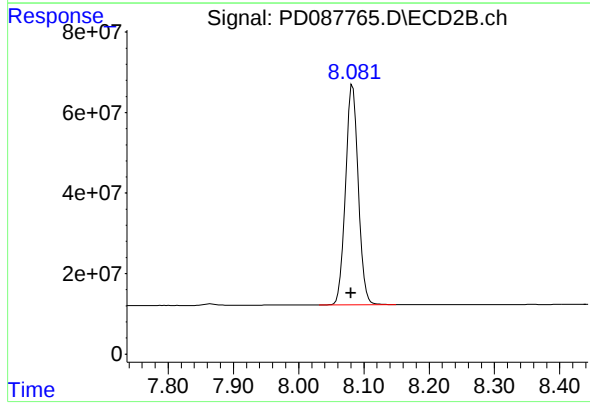
#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.006 min
Response: 153648993
Conc: 50.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.002 min
Response: 739953227
Conc: 52.36 ng/ml