

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087775.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 18:20
 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 04:30:20 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	106.3E6	659.3E6	53.369	54.816
28)	SA Decachlor...	9.085	8.082	151.7E6	731.2E6	49.739	51.743
Target Compounds							
2)	A alpha-BHC	4.005	3.395	227.3E6	1036.1E6	56.474	55.431
3)	MA gamma-BHC...	4.335	3.732	236.1E6	967.1E6	59.324m	54.470
4)	MA Heptachlor	4.936	4.087	197.8E6	912.6E6	53.056	52.678
5)	MB Aldrin	5.278	4.373	207.5E6	963.6E6	54.221	55.148
6)	B beta-BHC	4.521	4.029	81992481	408.3E6	51.938	53.531
7)	B delta-BHC	4.769	4.266	224.0E6	994.3E6	55.538	54.943
8)	B Heptachlo...	5.698	4.878	181.9E6	856.0E6	53.228	54.201
9)	A Endosulfan I	6.082	5.253	167.1E6	804.7E6	53.035	53.991
10)	B gamma-Chl...	5.954	5.131	176.2E6	887.5E6	53.320	54.565
11)	B alpha-Chl...	6.034	5.196	176.7E6	861.4E6	53.039	53.990
12)	B 4,4'-DDE	6.203	5.380	160.6E6	844.8E6	53.221	53.693m
13)	MA Dieldrin	6.355	5.519	180.0E6	876.2E6	53.292	53.782
14)	MA Endrin	6.582	5.795	144.8E6	770.6E6	49.973	51.742
15)	B Endosulfa...	6.794	6.087	145.8E6	756.4E6	50.770	52.983
16)	A 4,4'-DDD	6.713	5.936	133.4E6	744.3E6	55.439	56.289
17)	MA 4,4'-DDT	7.028	6.191	121.0E6	662.0E6	46.974m	49.180
18)	B Endrin al...	6.922	6.265	118.0E6	615.3E6	50.947	52.779
19)	B Endosulfa...	7.157	6.489	140.8E6	749.9E6	51.365	52.746
20)	A Methoxychlor	7.502	6.762	67889221	370.4E6	46.251	48.472
21)	B Endrin ke...	7.638	6.998	160.7E6	846.3E6	52.272	54.240
22)	Mirex	8.123	7.193	113.7E6	652.8E6	49.034	51.557

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087775.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 18:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

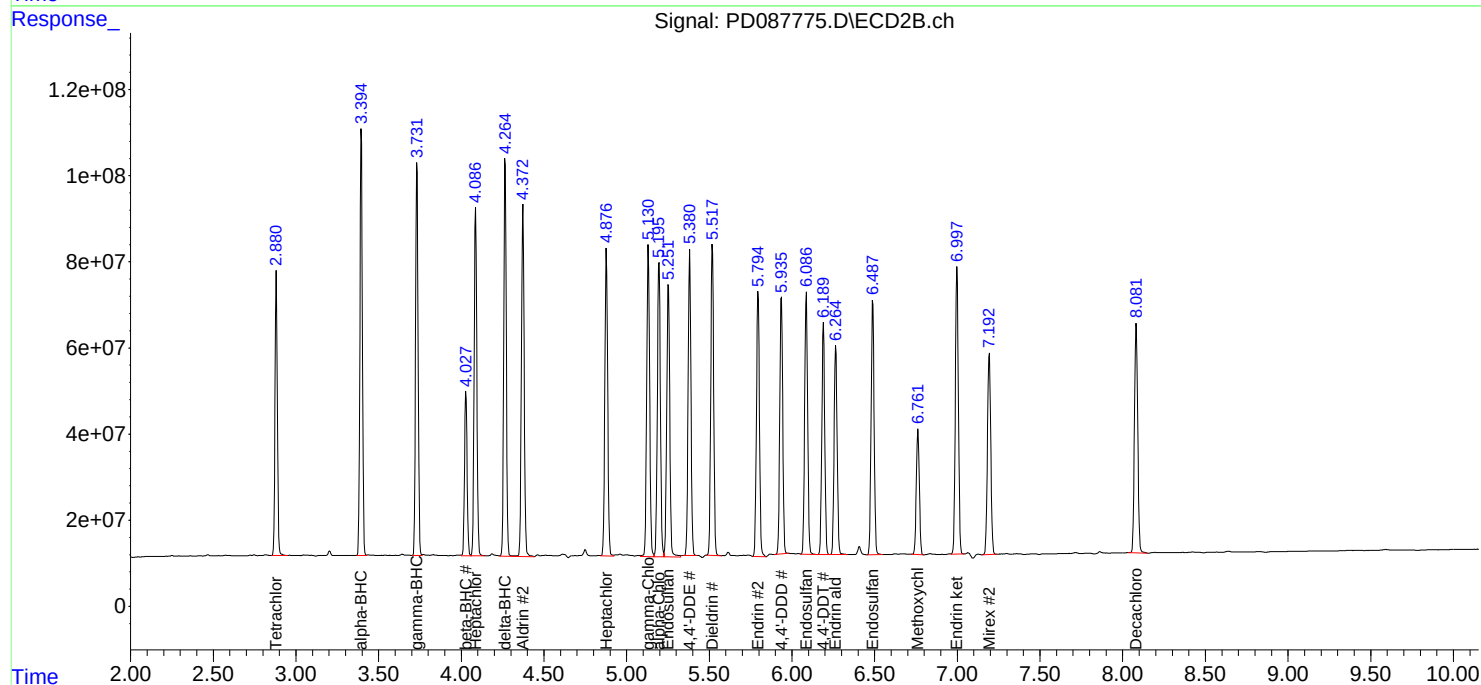
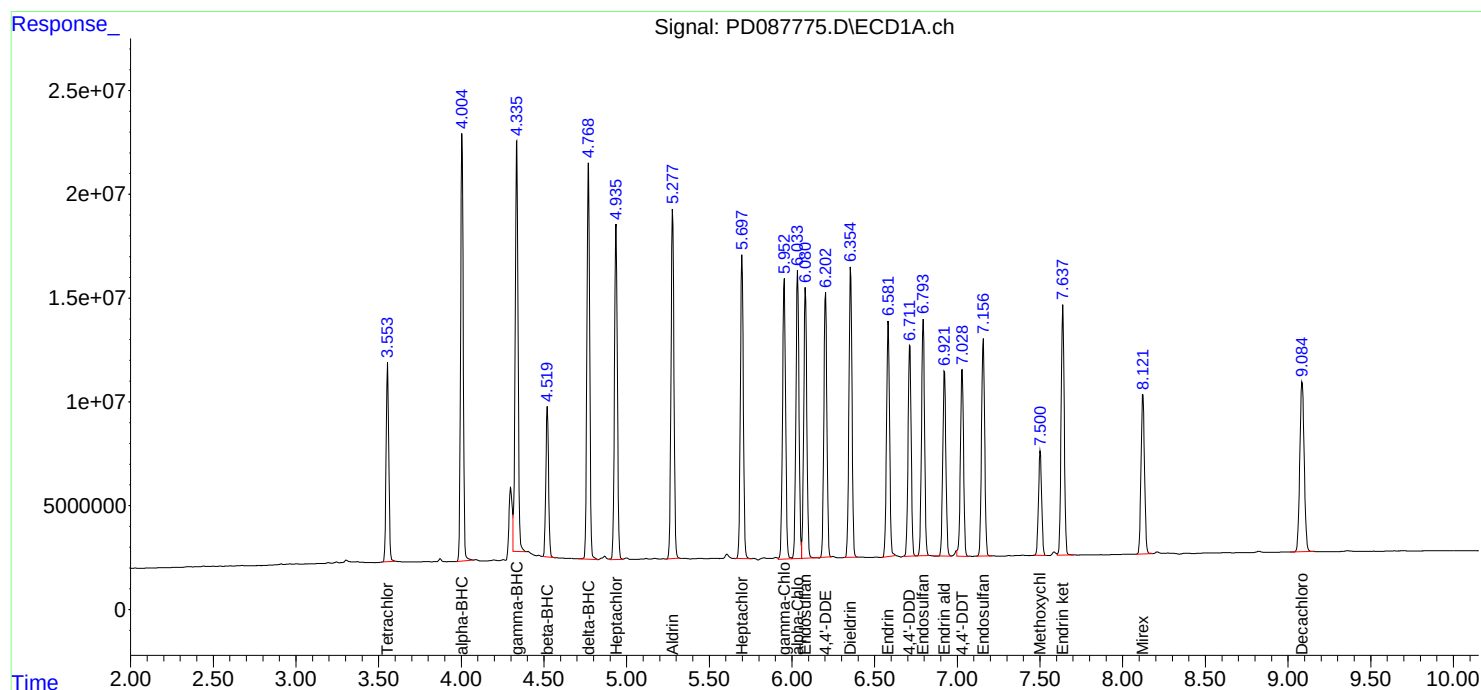
APPROVED

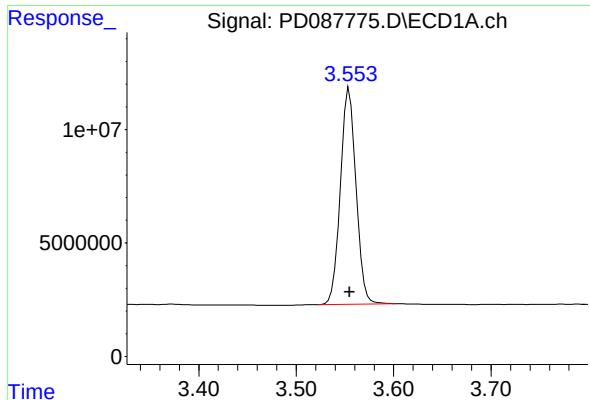
Reviewed By :Abdul Mirza 02/07/2025

Supervised By :Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:30:20 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





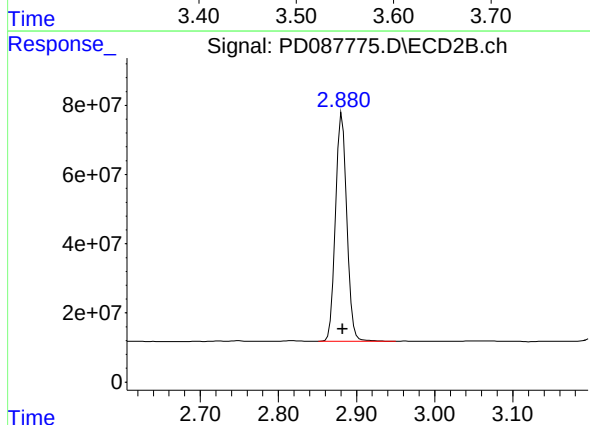
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 106329991
Conc: 53.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

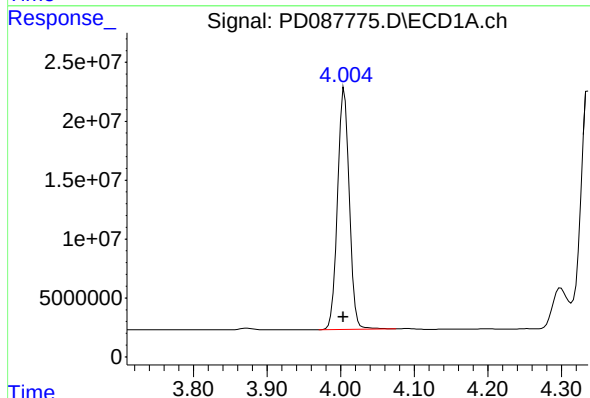
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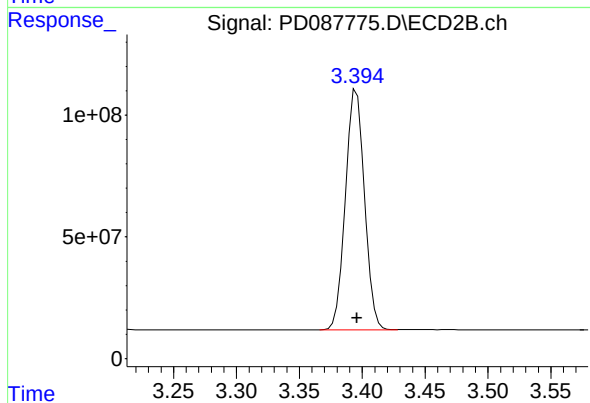
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 659259563
Conc: 54.82 ng/ml



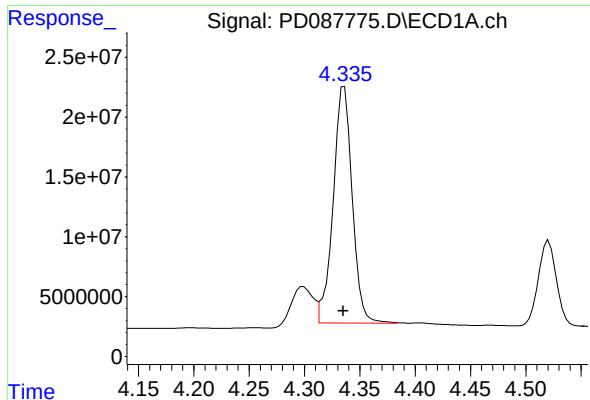
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 227269858
Conc: 56.47 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1036100517
Conc: 55.43 ng/ml



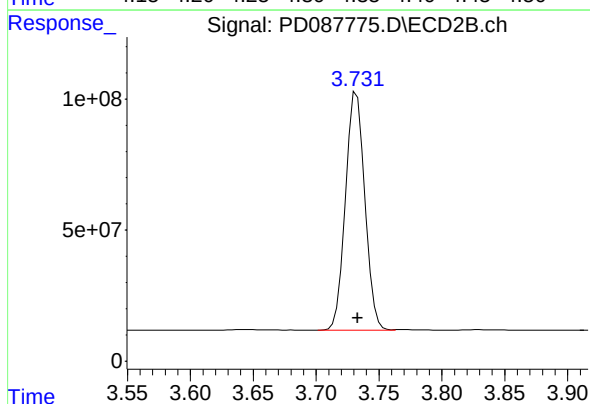
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 236083074
Conc: 59.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

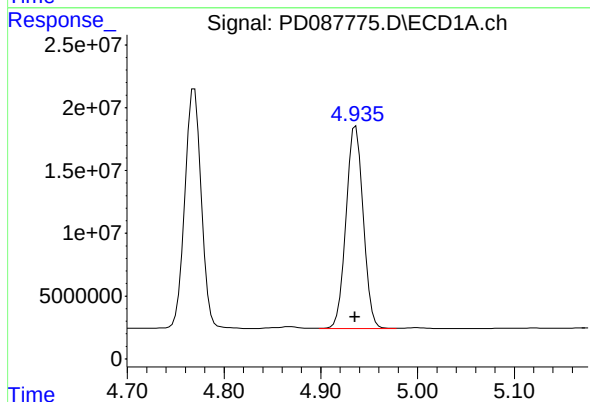
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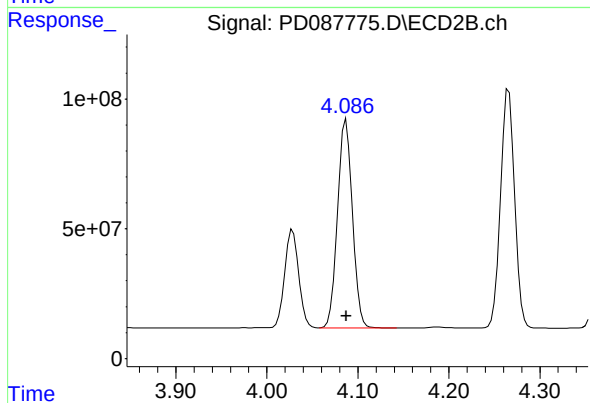
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 967098682
Conc: 54.47 ng/ml



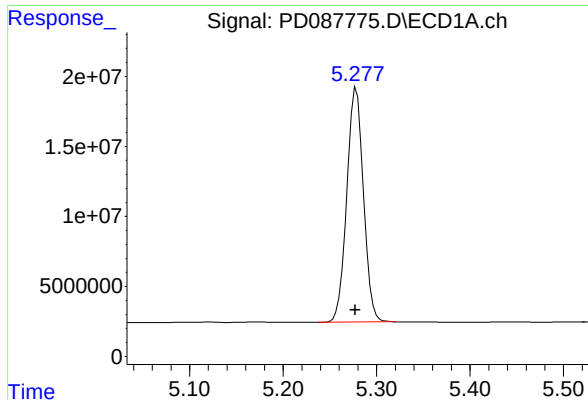
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.001 min
Response: 197785591
Conc: 53.06 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 912604409
Conc: 52.68 ng/ml



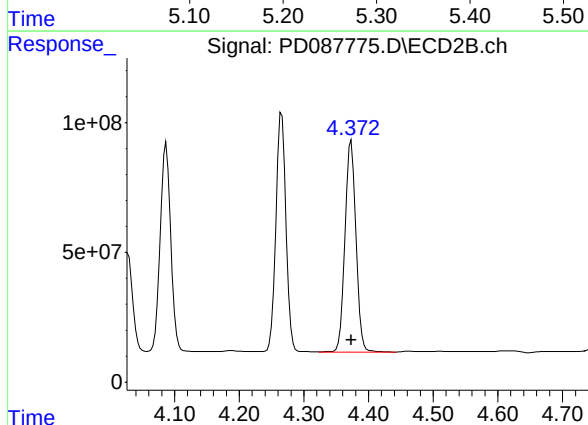
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.001 min
Response: 207538639
Conc: 54.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

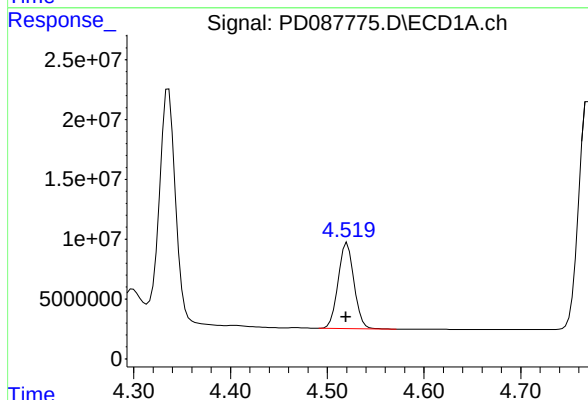
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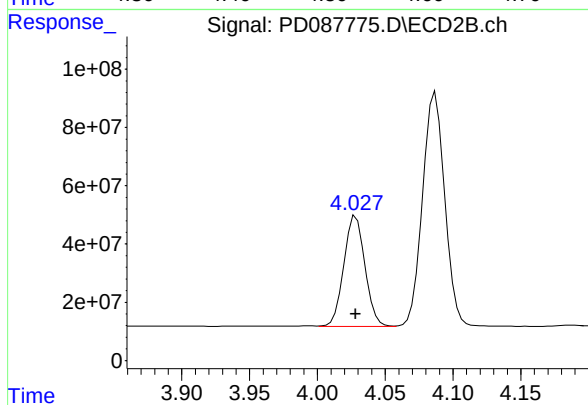
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 963551128
Conc: 55.15 ng/ml



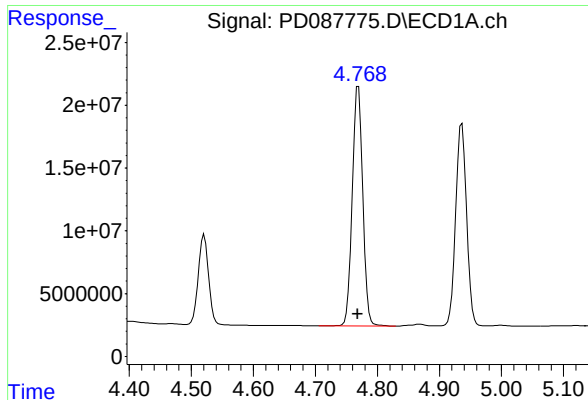
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 81992481
Conc: 51.94 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 408274572
Conc: 53.53 ng/ml



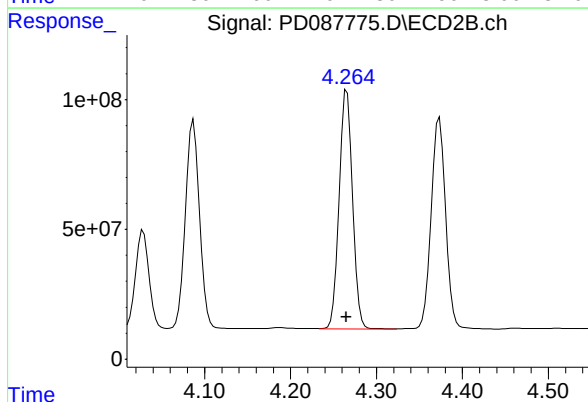
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.001 min
Response: 224018756
Conc: 55.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

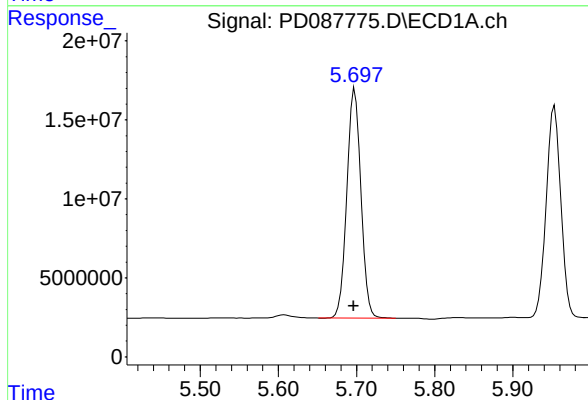
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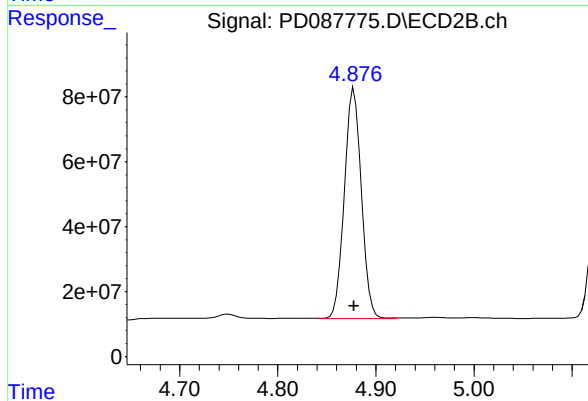
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 994268338
Conc: 54.94 ng/ml



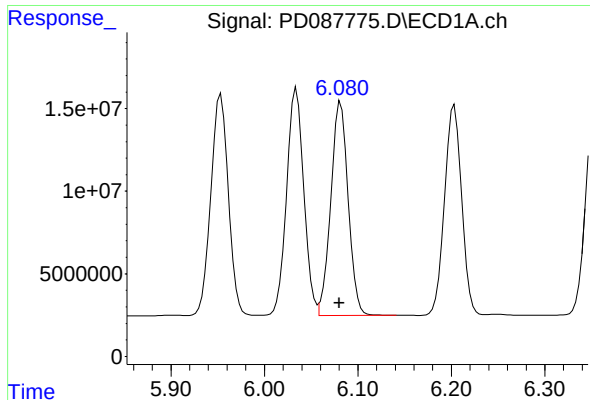
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 181910736
Conc: 53.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 856008025
Conc: 54.20 ng/ml



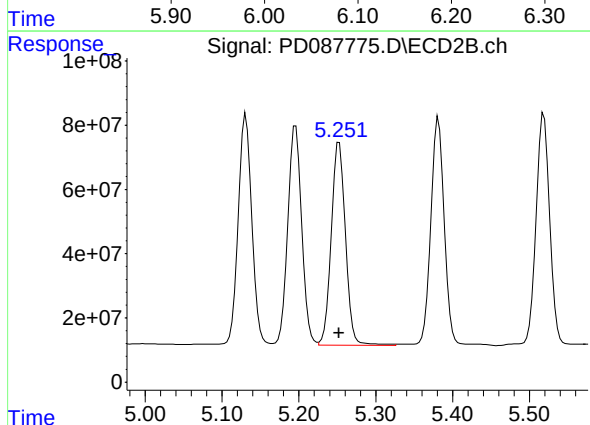
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 167060579
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

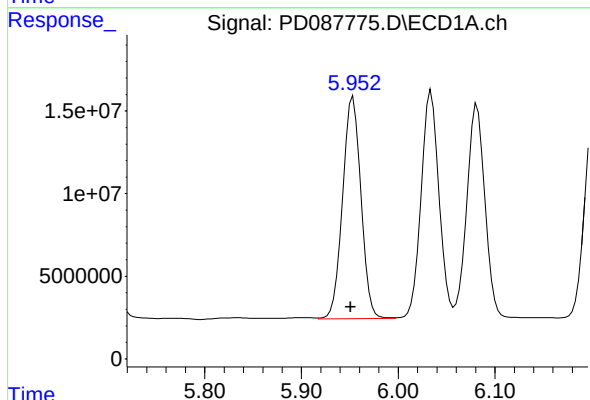
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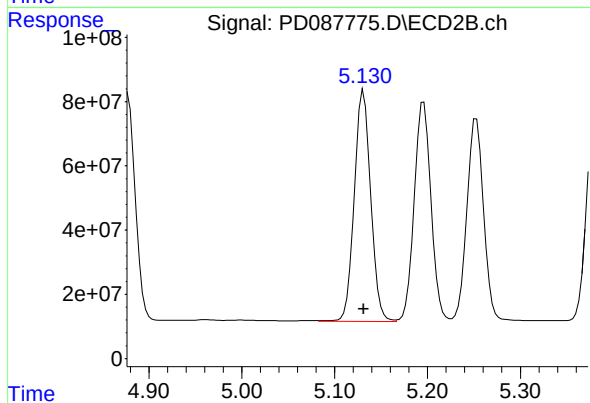
#9 Endosulfan I

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 804686522
Conc: 53.99 ng/ml



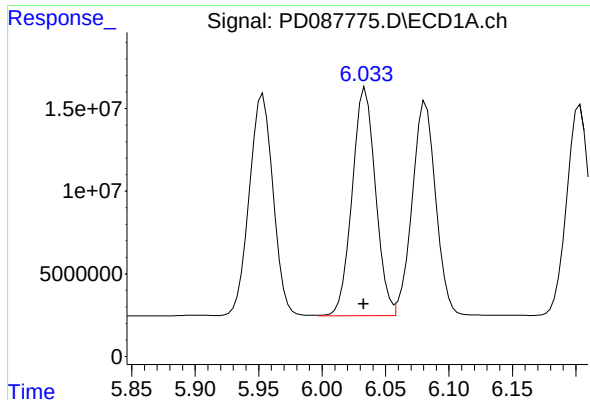
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.003 min
Response: 176225408
Conc: 53.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 887481268
Conc: 54.56 ng/ml



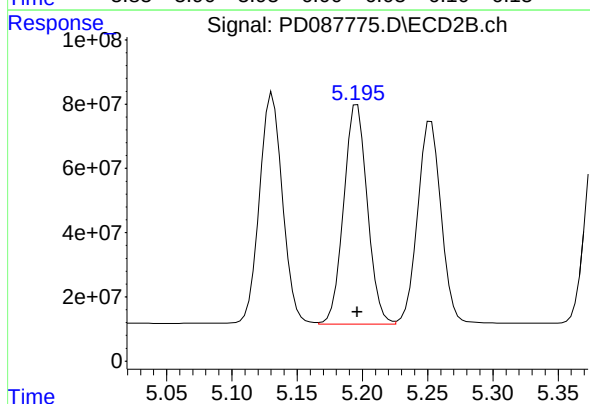
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 176676359
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

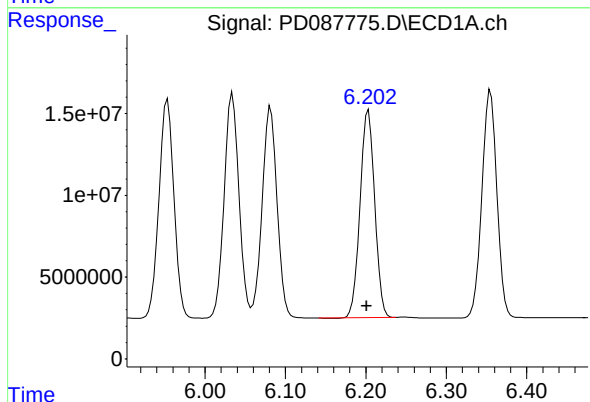
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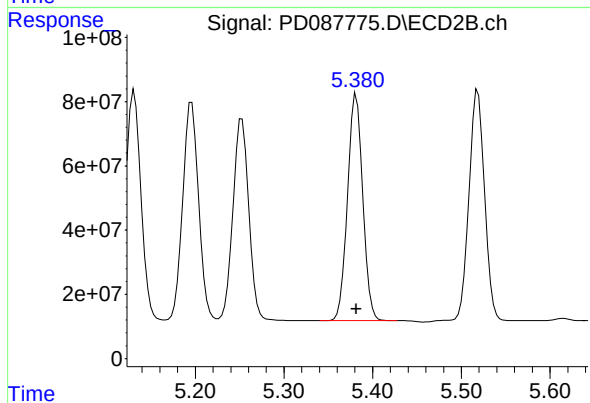
#11 alpha-Chlordane

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 861364247
Conc: 53.99 ng/ml



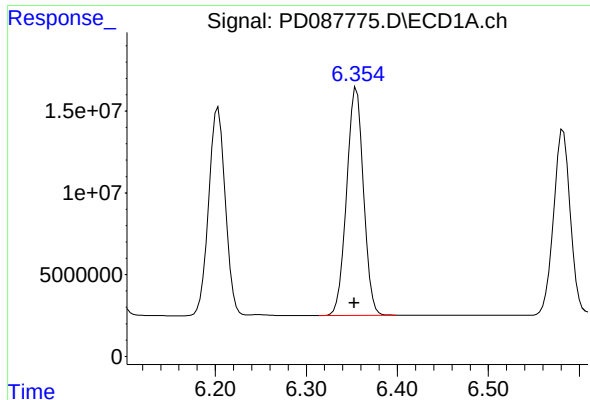
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 160594646
Conc: 53.22 ng/ml



#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 844807693
Conc: 53.69 ng/ml m



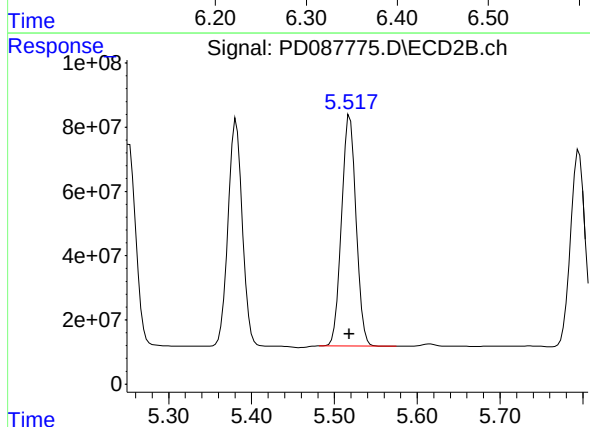
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 179974131
Conc: 53.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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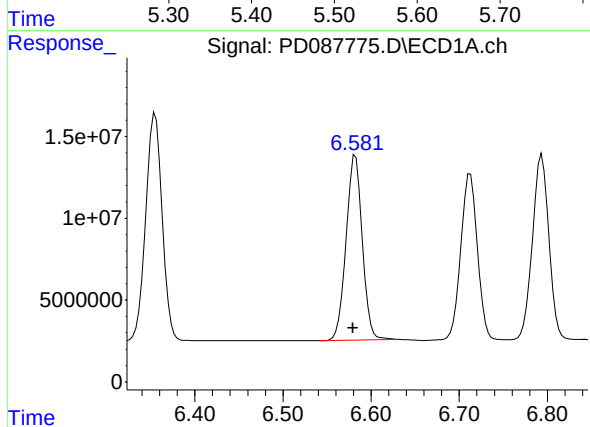
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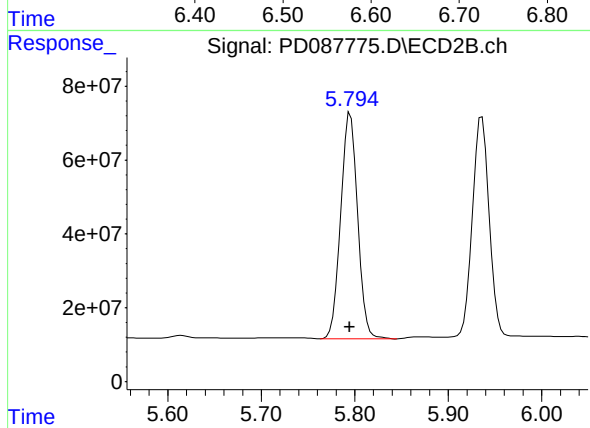
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 876161131
Conc: 53.78 ng/ml



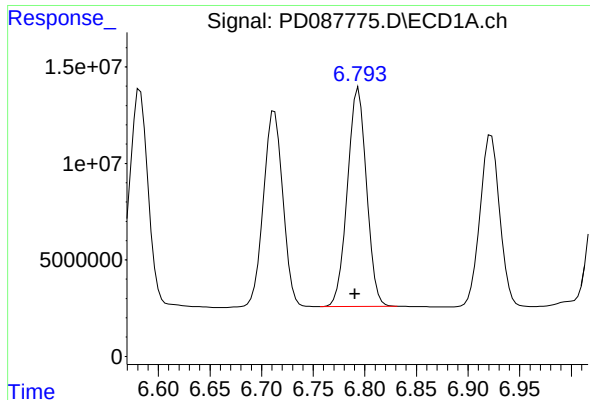
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 144819507
Conc: 49.97 ng/ml



#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 770627743
Conc: 51.74 ng/ml



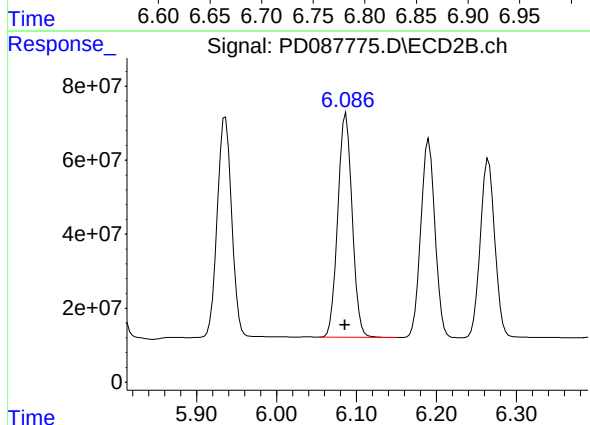
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 145761587
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

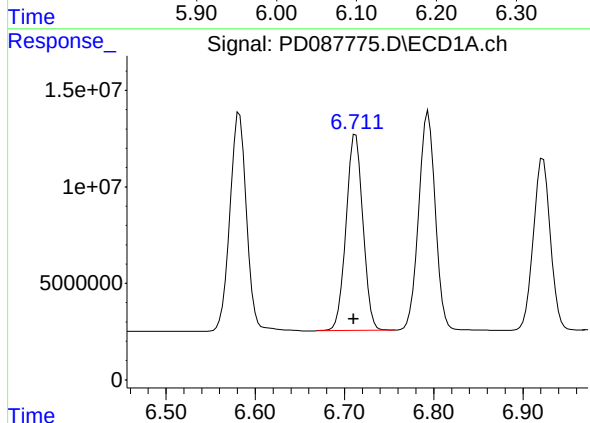
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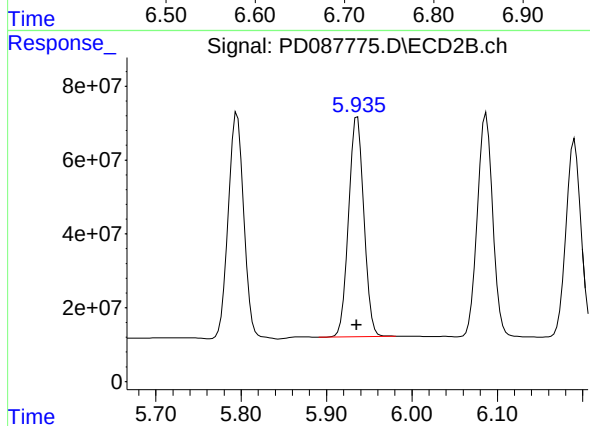
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 756362158
Conc: 52.98 ng/ml



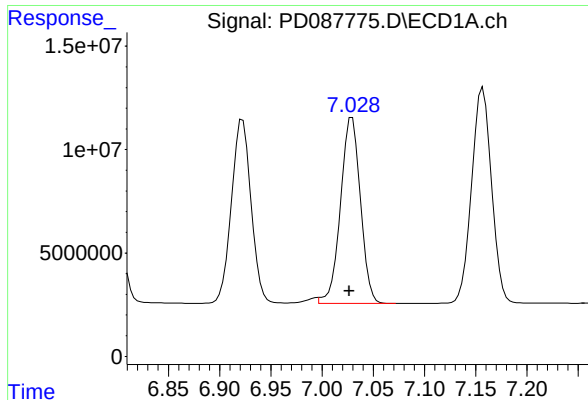
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 133430080
Conc: 55.44 ng/ml



#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 744259659
Conc: 56.29 ng/ml



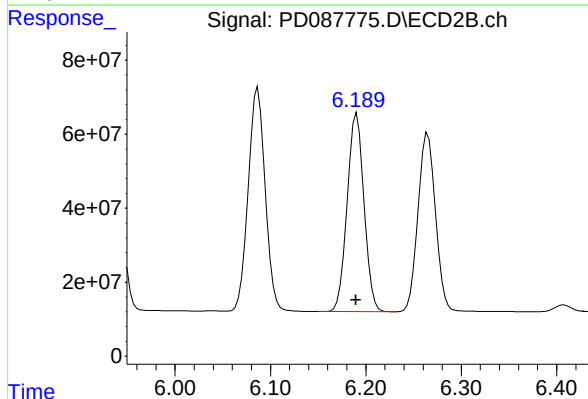
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.001 min
Response: 120988974
Conc: 46.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

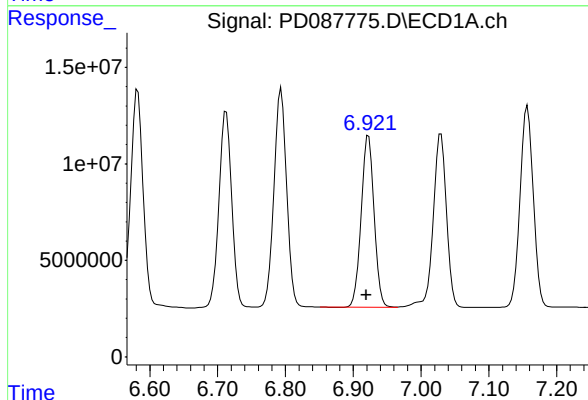
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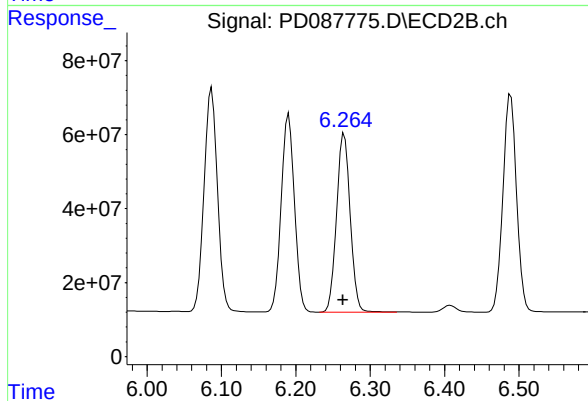
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 661984269
Conc: 49.18 ng/ml



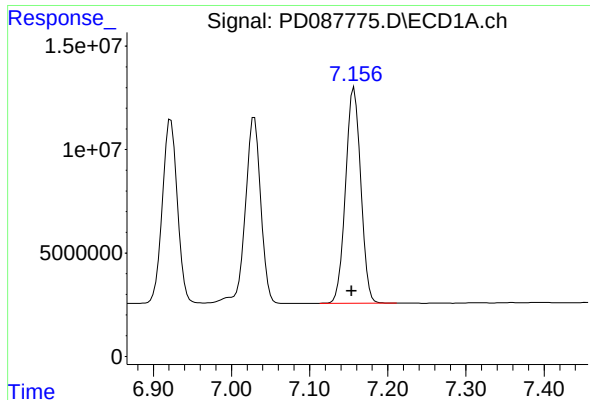
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 118024756
Conc: 50.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 615263712
Conc: 52.78 ng/ml



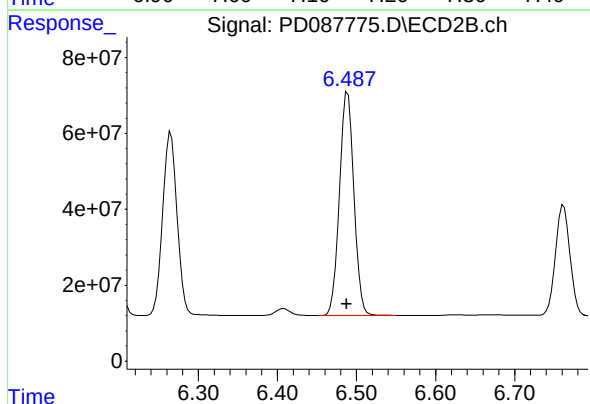
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 140825834
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

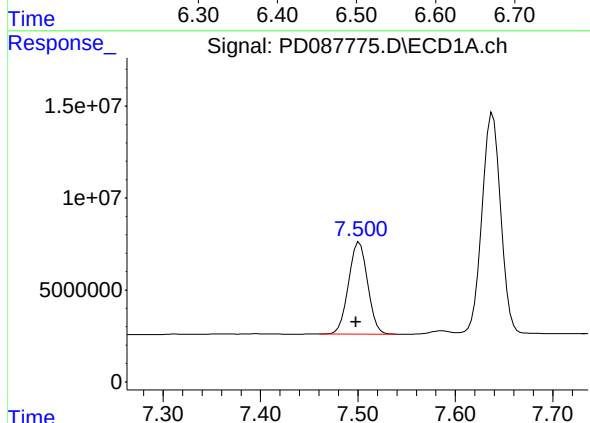
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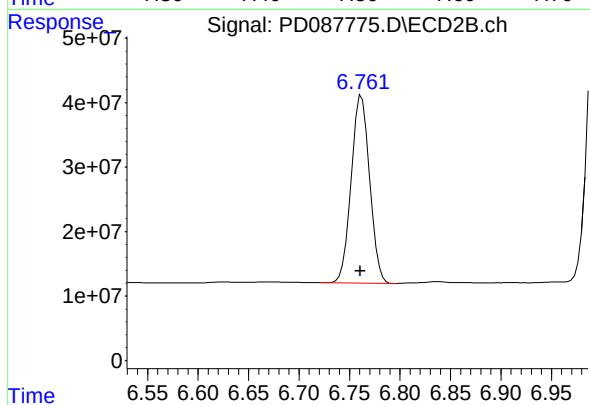
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 749941915
Conc: 52.75 ng/ml



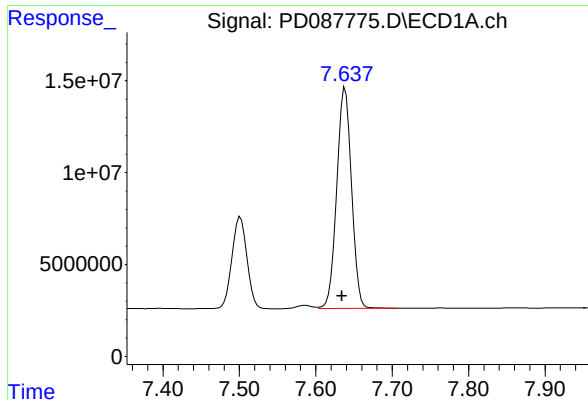
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 67889221
Conc: 46.25 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 370441624
Conc: 48.47 ng/ml



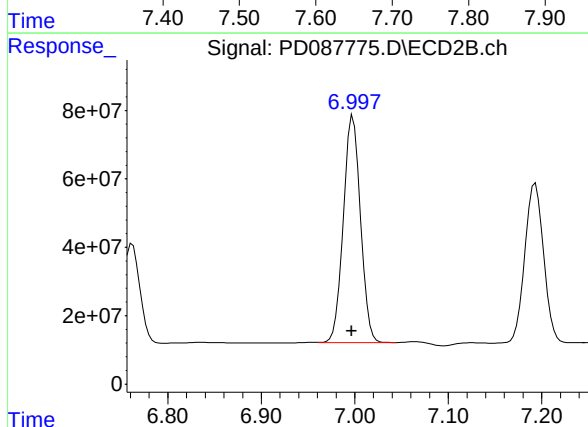
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 160736398
Conc: 52.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

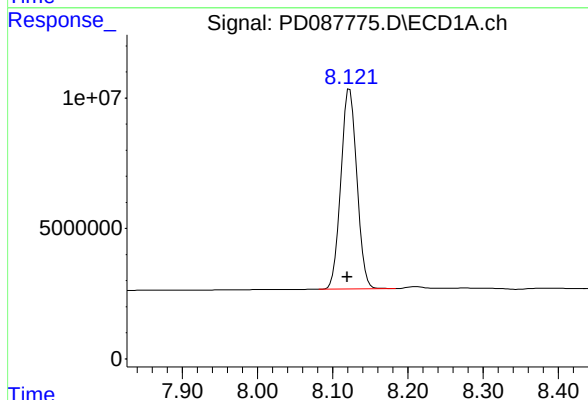
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APPROVED

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



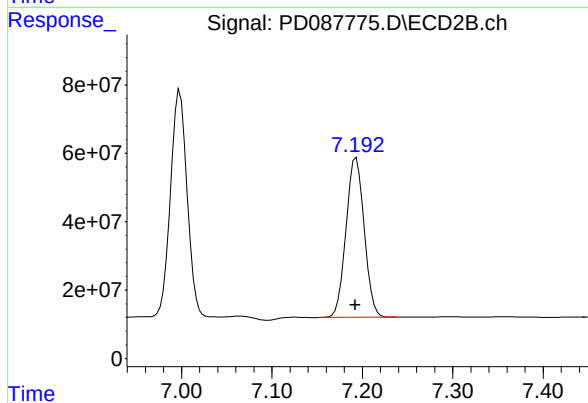
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: 0.001 min
Response: 846345028
Conc: 54.24 ng/ml



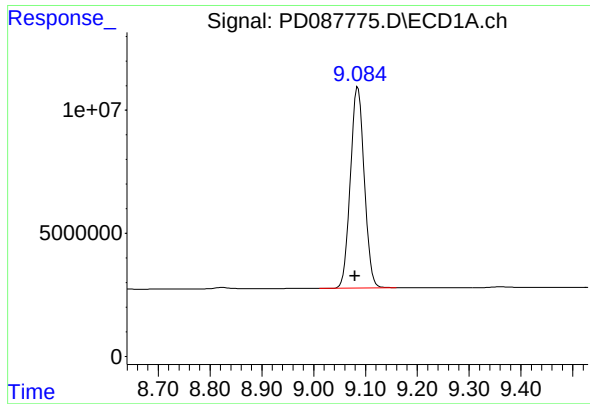
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.003 min
Response: 113665944
Conc: 49.03 ng/ml



#22 Mirex

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 652826520
Conc: 51.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.006 min
Response: 151702715
Conc: 49.74 ng/ml

Instrument :

ECD_D

ClientSampleId :

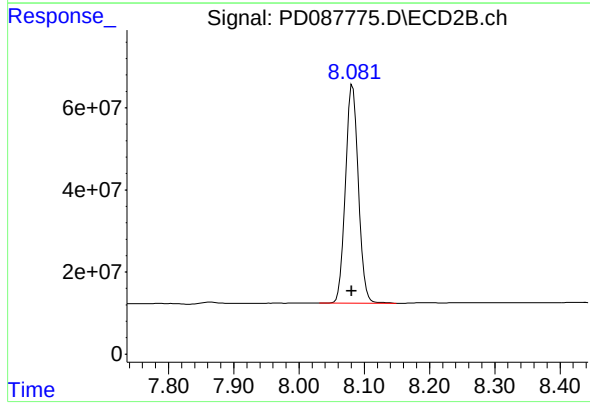
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.002 min
Response: 731238139
Conc: 51.74 ng/ml