

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
 Data File : PD087781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 09:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 00:01:50 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	107.1E6	656.6E6	53.732	54.594
2) SA Decachlor...	9.086	8.082	151.4E6	728.7E6	49.634	51.566
Target Compounds						
2) A alpha-BHC	4.005	3.395	227.4E6	1030.9E6	56.501	55.152
3) MA gamma-BHC...	4.335	3.732	220.0E6	962.6E6	55.287m	54.214
4) MA Heptachlor	4.937	4.087	199.4E6	897.3E6	53.499	51.795
5) MB Aldrin	5.279	4.373	207.0E6	960.8E6	54.084	54.992
6) B beta-BHC	4.521	4.029	83278821	406.0E6	52.753	53.235
7) B delta-BHC	4.770	4.265	223.0E6	981.6E6	55.279	54.242
8) B Heptachlo...	5.699	4.877	182.6E6	847.1E6	53.419	53.637
9) A Endosulfan I	6.082	5.252	167.1E6	805.7E6	53.039	54.061
10) B gamma-Chl...	5.954	5.131	175.7E6	880.7E6	53.155	54.150
11) B alpha-Chl...	6.035	5.196	176.2E6	857.4E6	52.885	53.739
12) B 4,4'-DDE	6.203	5.380	160.8E6	842.1E6	53.277	53.521m
13) MA Dieldrin	6.355	5.519	179.9E6	872.7E6	53.257	53.570
14) MA Endrin	6.582	5.795	144.4E6	754.9E6	49.811	50.687
15) B Endosulfa...	6.794	6.087	145.9E6	753.8E6	50.815	52.804
16) A 4,4'-DDD	6.713	5.936	133.1E6	733.0E6	55.309	55.441
17) MA 4,4'-DDT	7.028	6.190	122.3E6	663.0E6	47.497m	49.253
18) B Endrin al...	6.922	6.265	118.5E6	613.3E6	51.139	52.612
19) B Endosulfa...	7.157	6.489	140.2E6	743.8E6	51.124	52.313
20) A Methoxychlor	7.502	6.762	68453170	360.9E6	46.635	47.225
21) B Endrin ke...	7.639	6.999	160.1E6	841.2E6	52.076	53.910
22) Mirex	8.123	7.193	113.2E6	651.1E6	48.815	51.418

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
Data File : PD087781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 09:34
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

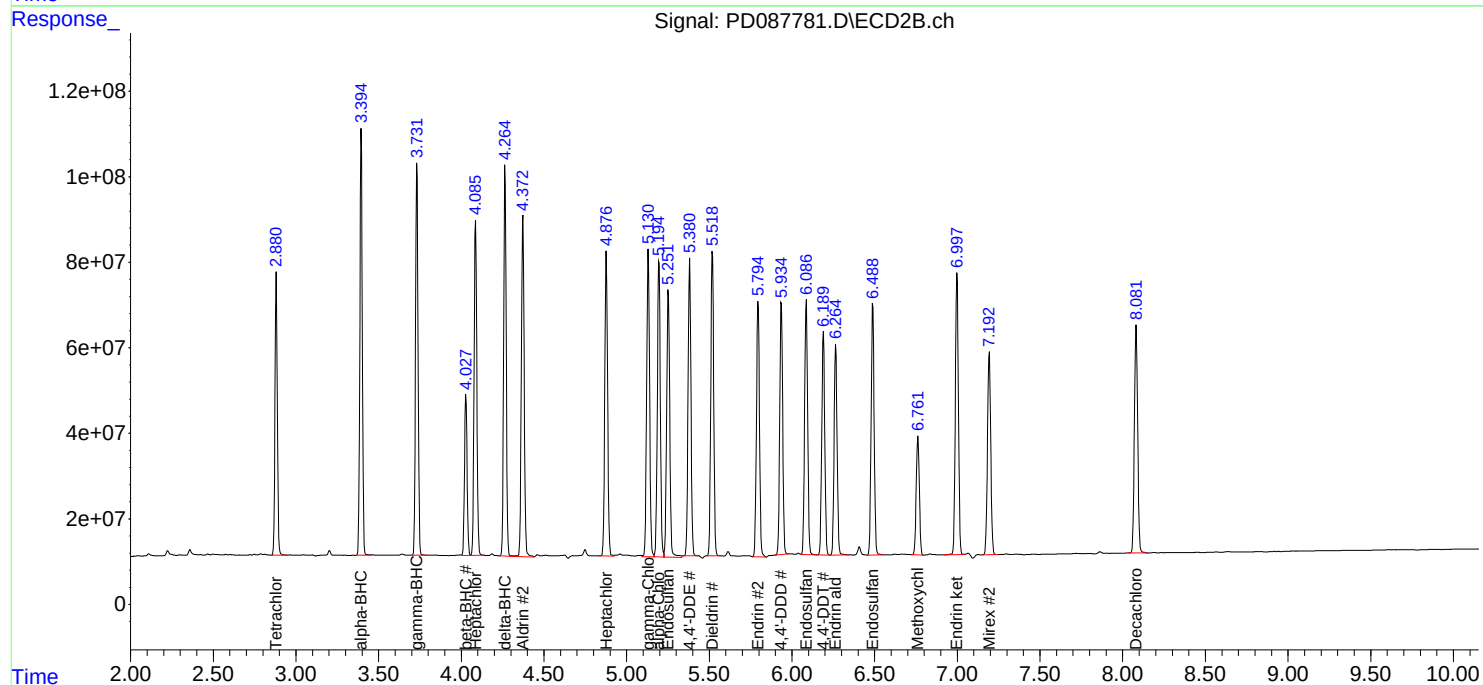
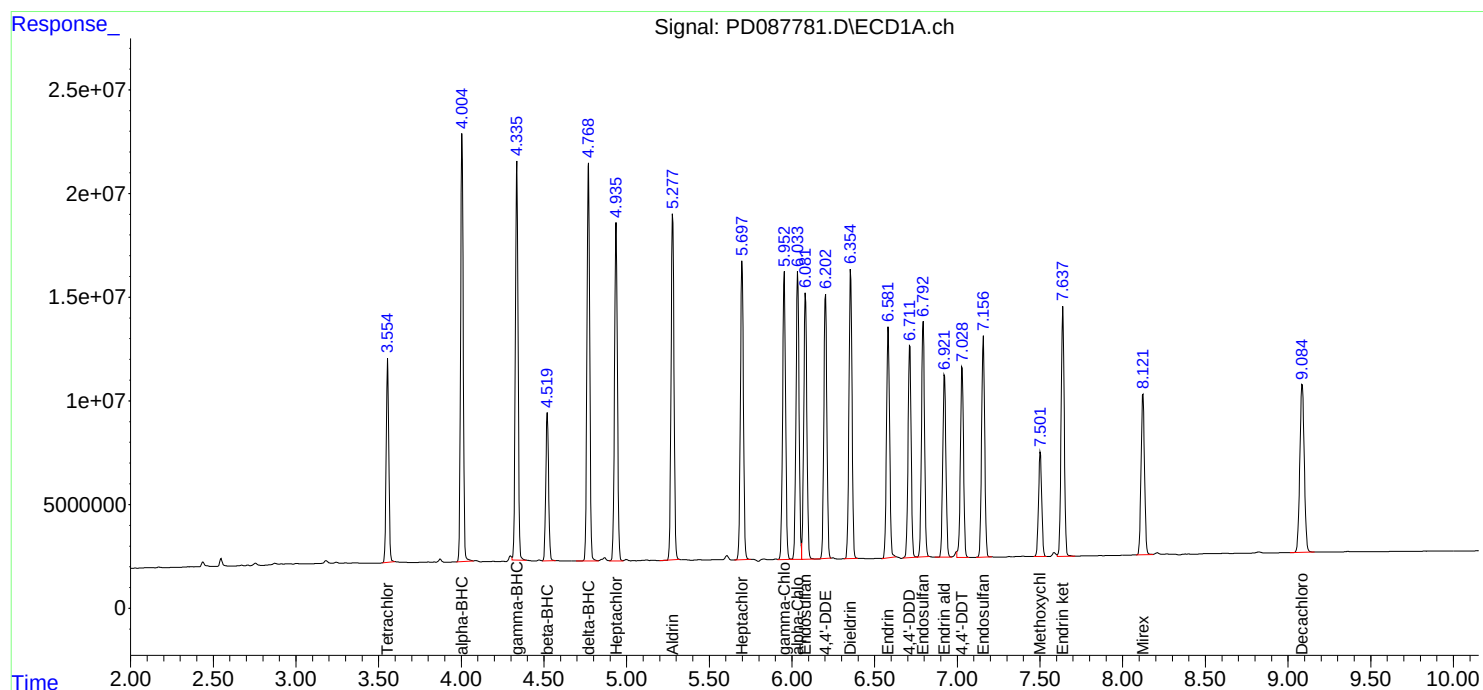
APPROVED

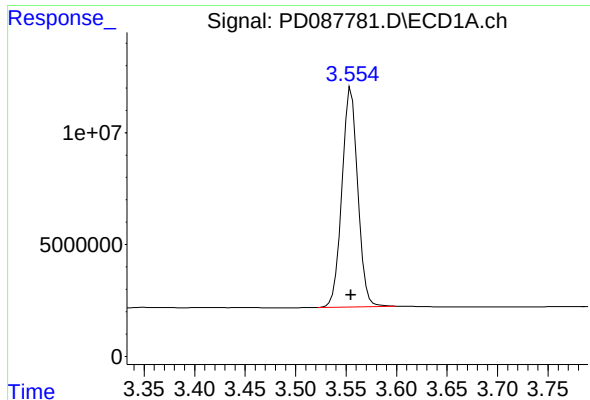
Reviewed By :Abdul Mirza 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 00:01:50 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





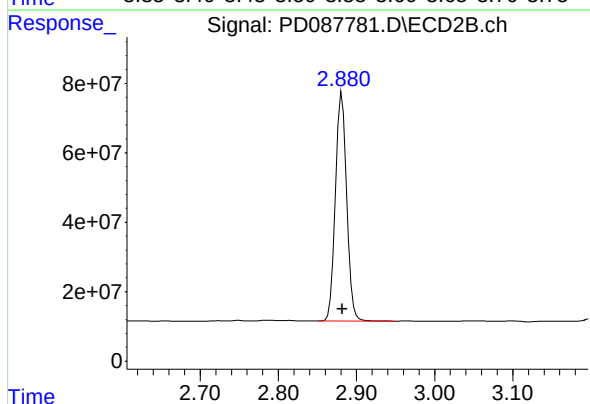
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 107052666
Conc: 53.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

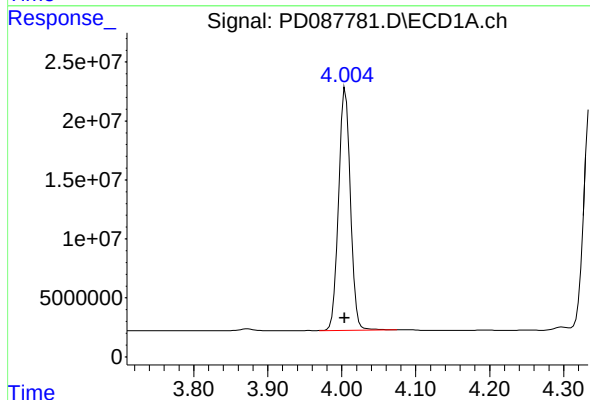
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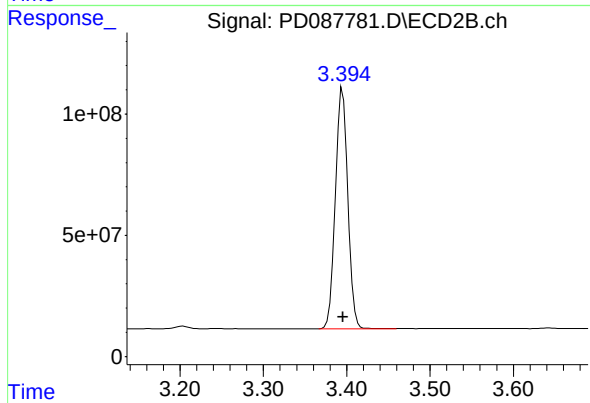
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 656598065
Conc: 54.59 ng/ml



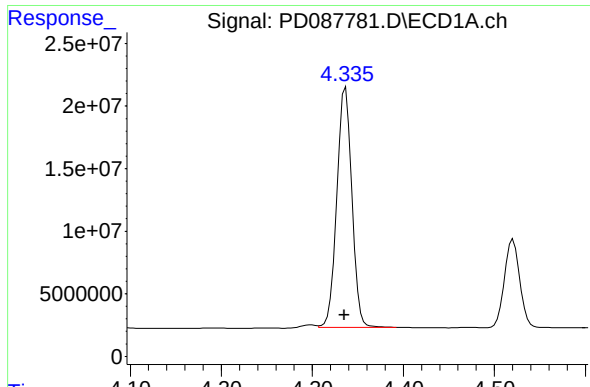
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 227380919
Conc: 56.50 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1030882604
Conc: 55.15 ng/ml



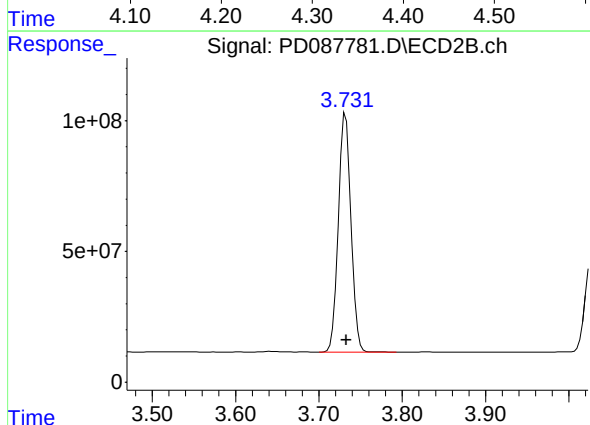
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 220017483
Conc: 55.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

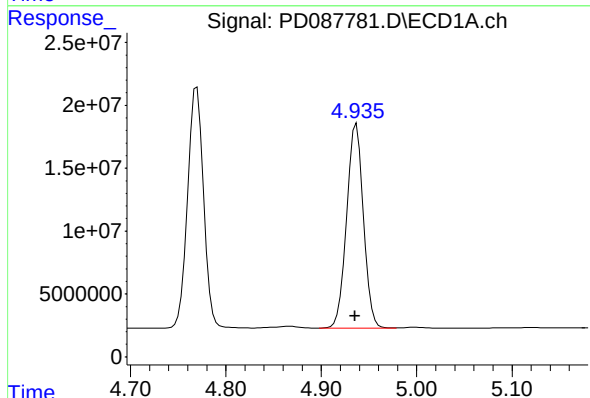
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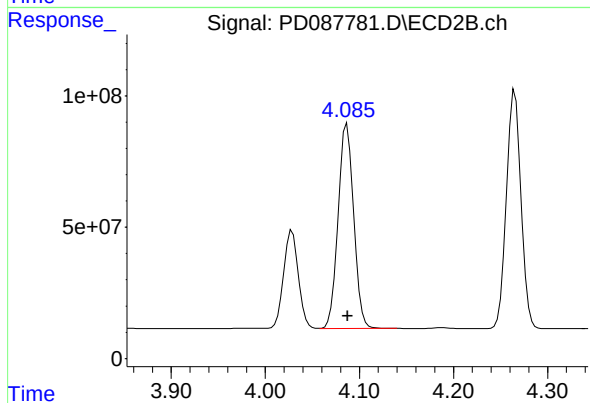
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 962562361
Conc: 54.21 ng/ml



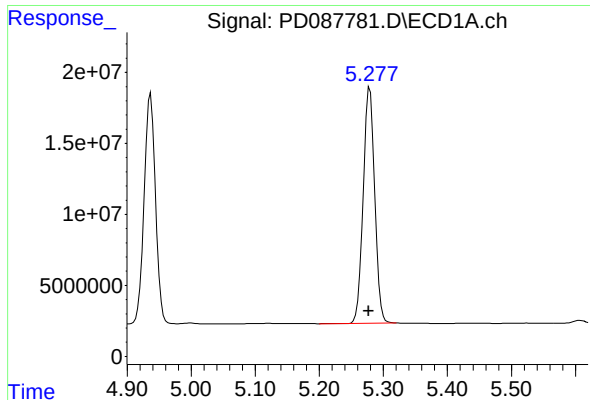
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 199434792
Conc: 53.50 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 897318786
Conc: 51.80 ng/ml



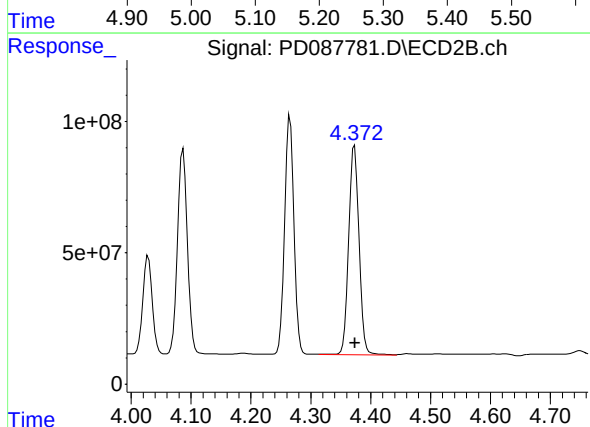
#5 Aldrin

R.T.: 5.279 min
Delta R.T.: 0.002 min
Response: 207015594
Conc: 54.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

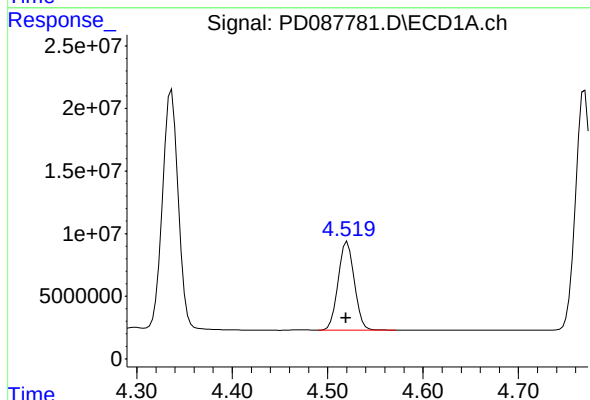
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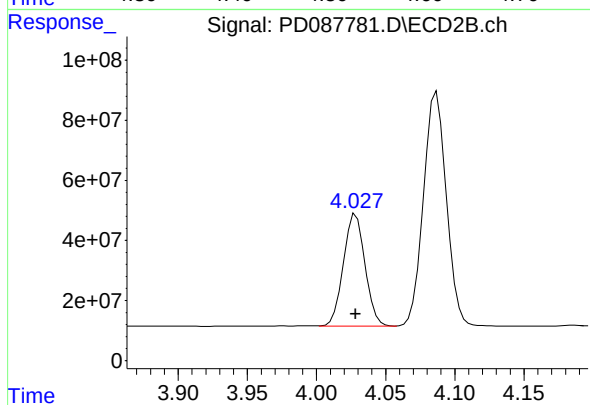
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 960832773
Conc: 54.99 ng/ml



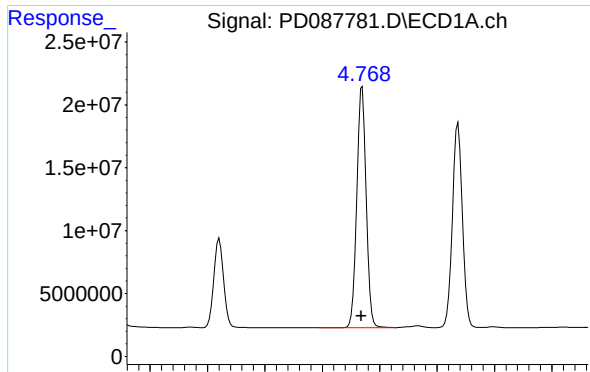
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.001 min
Response: 83278821
Conc: 52.75 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 406022377
Conc: 53.24 ng/ml



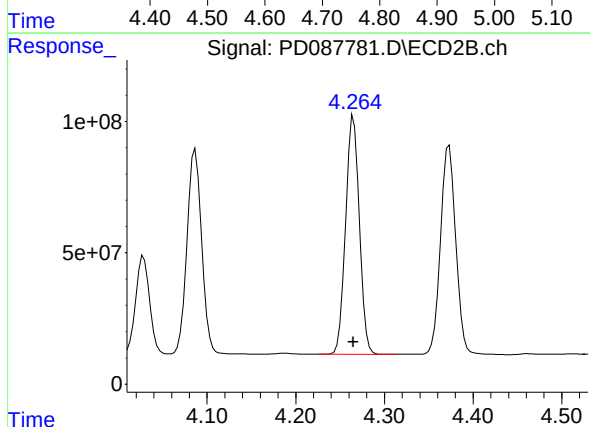
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 222977556
Conc: 55.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

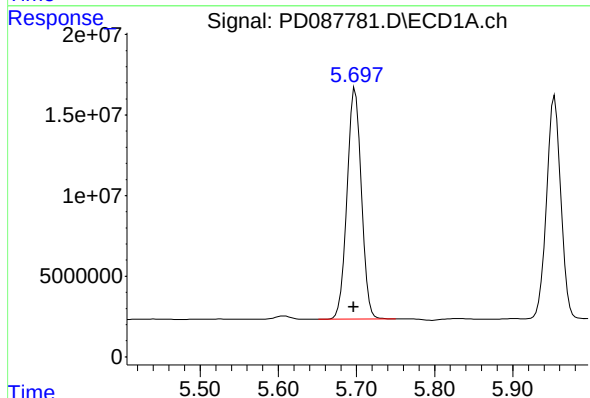
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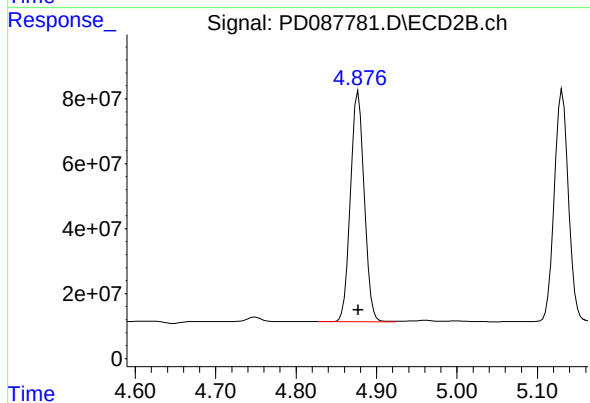
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 981572128
Conc: 54.24 ng/ml



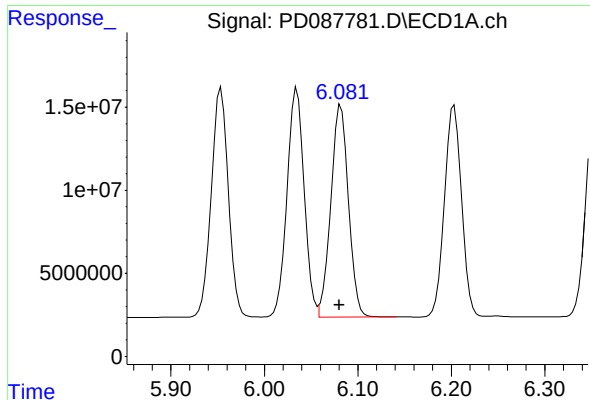
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 182563347
Conc: 53.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 847106335
Conc: 53.64 ng/ml



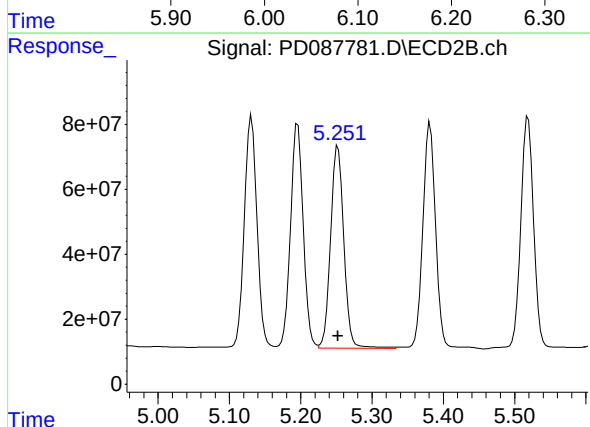
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 167071482
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

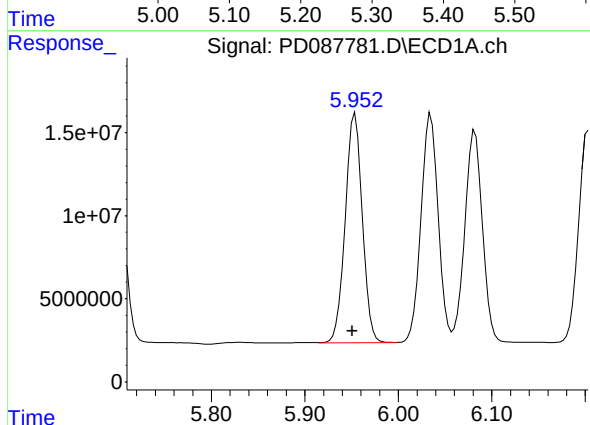
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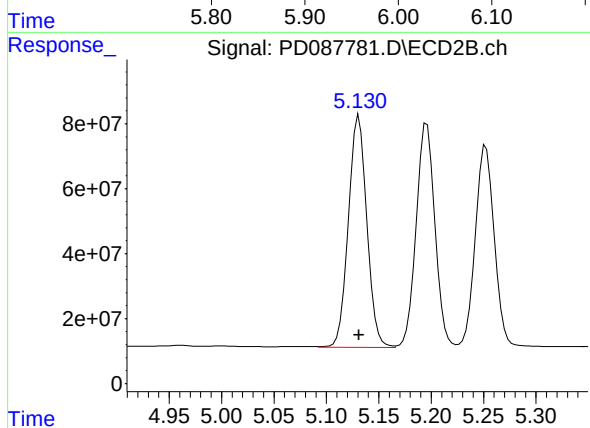
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 805717816
Conc: 54.06 ng/ml



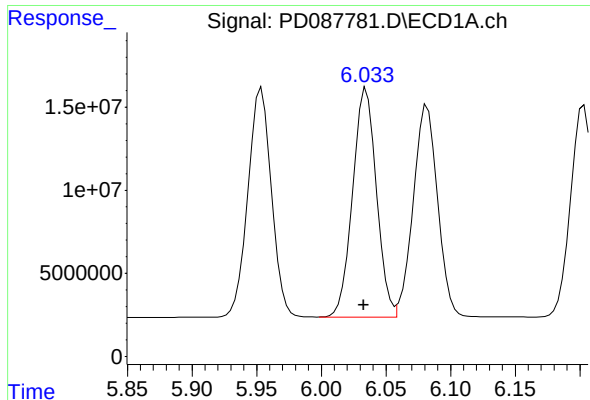
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.003 min
Response: 175682096
Conc: 53.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 880738266
Conc: 54.15 ng/ml



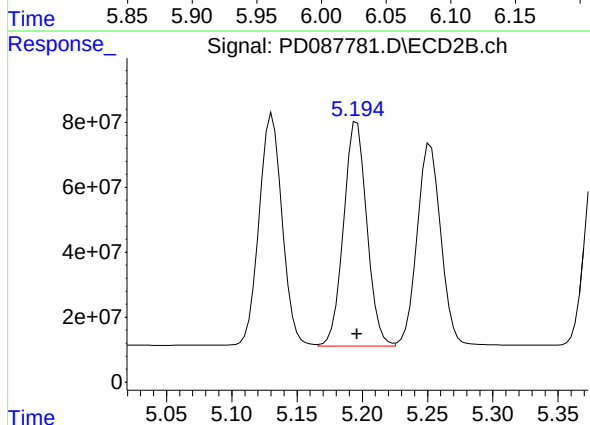
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 176163907
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

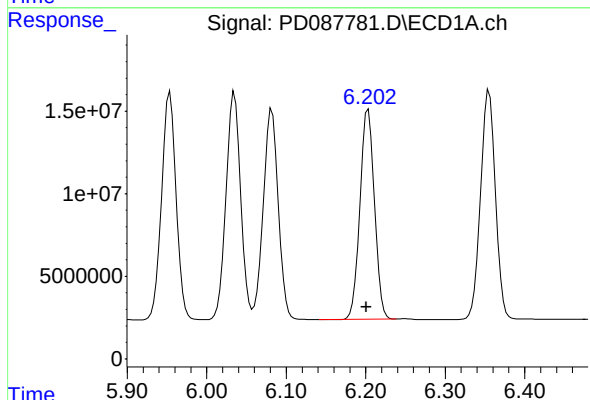
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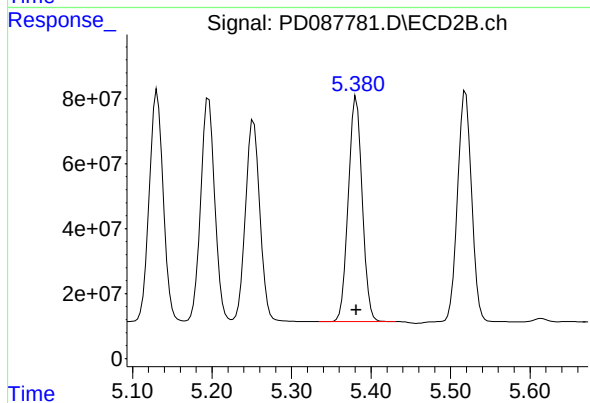
#11 alpha-Chlordane

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 857366203
Conc: 53.74 ng/ml



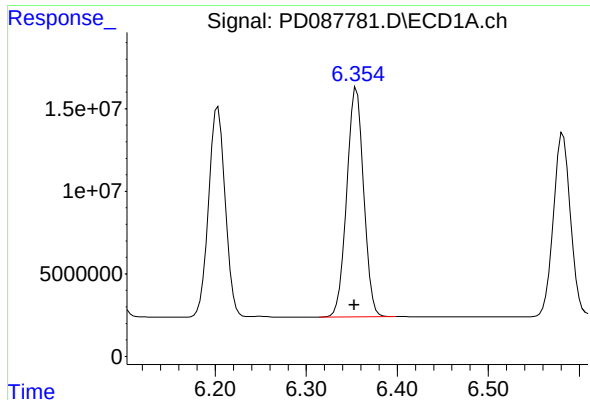
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 160762315
Conc: 53.28 ng/ml



#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 842100436
Conc: 53.52 ng/ml m



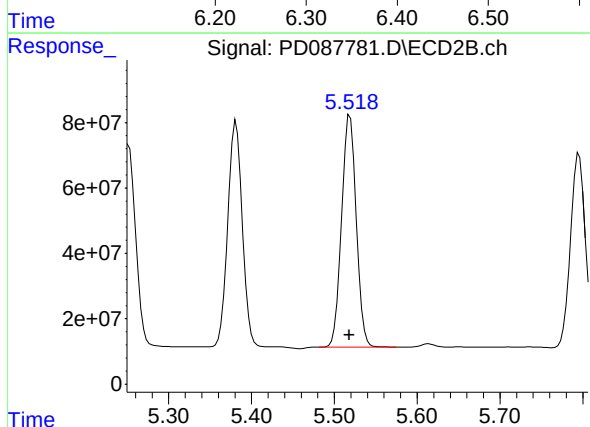
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.003 min
Response: 179853634
Conc: 53.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

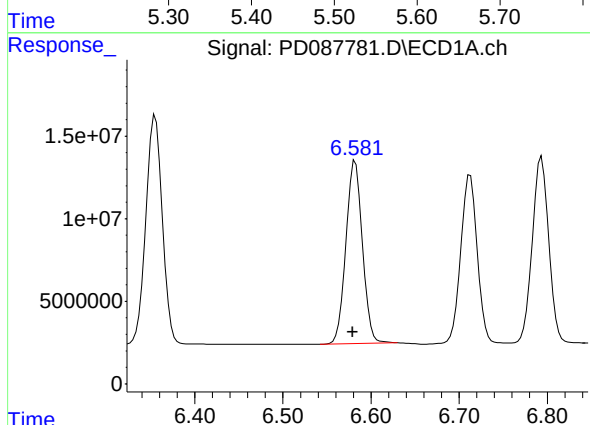
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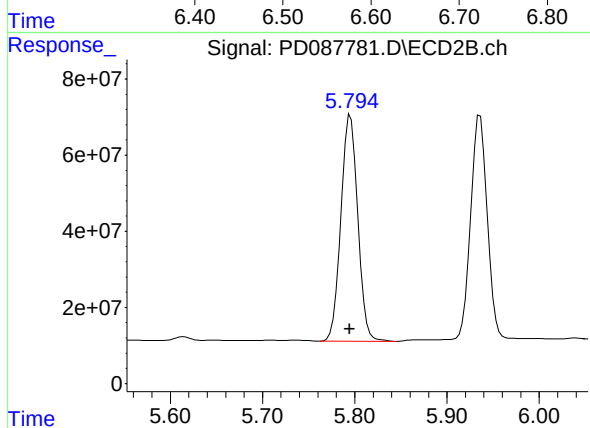
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 872719059
Conc: 53.57 ng/ml



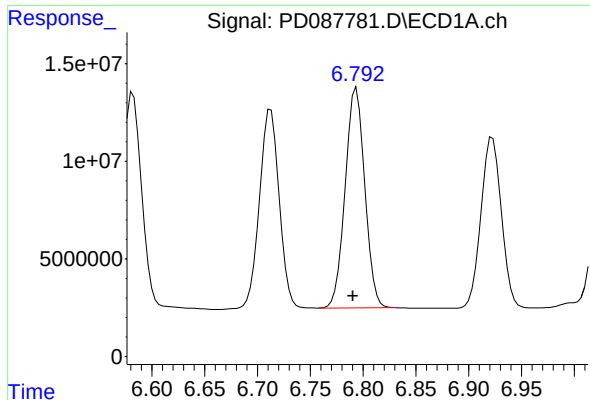
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 144351576
Conc: 49.81 ng/ml



#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.001 min
Response: 754916007
Conc: 50.69 ng/ml



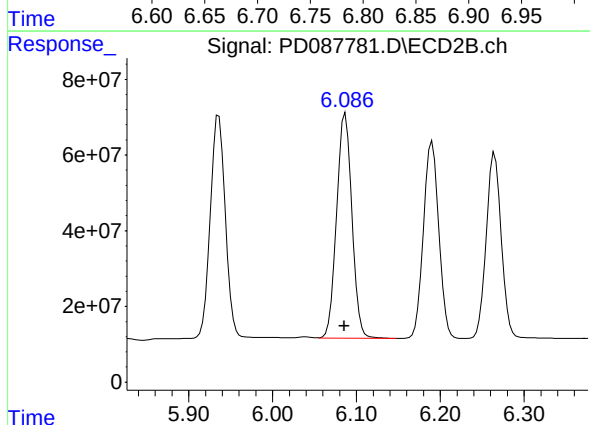
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 145890067
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

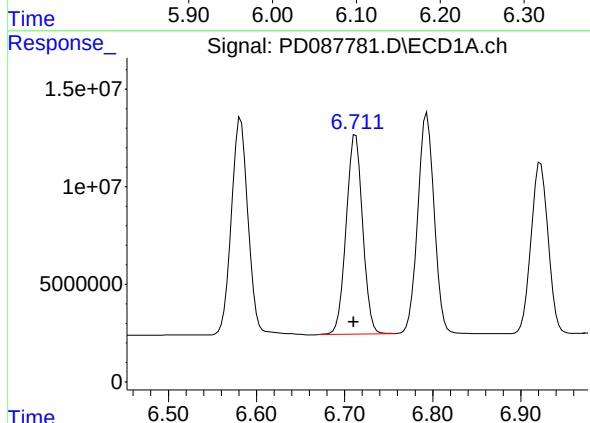
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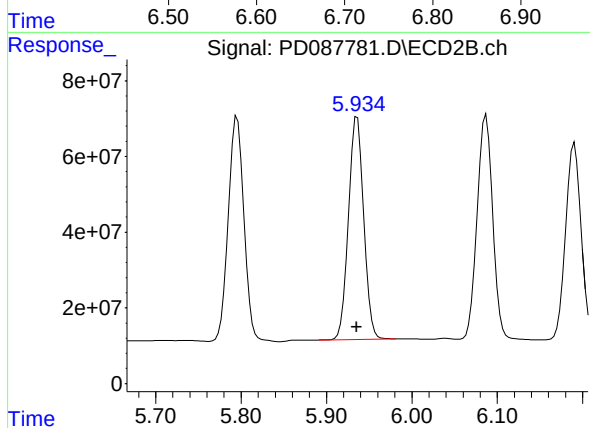
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 753804398
Conc: 52.80 ng/ml



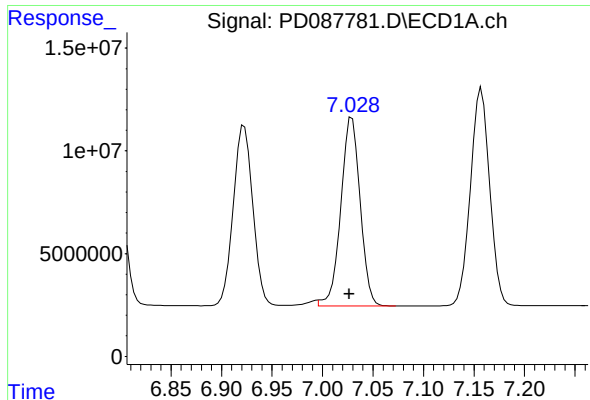
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 133116135
Conc: 55.31 ng/ml



#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 733039340
Conc: 55.44 ng/ml



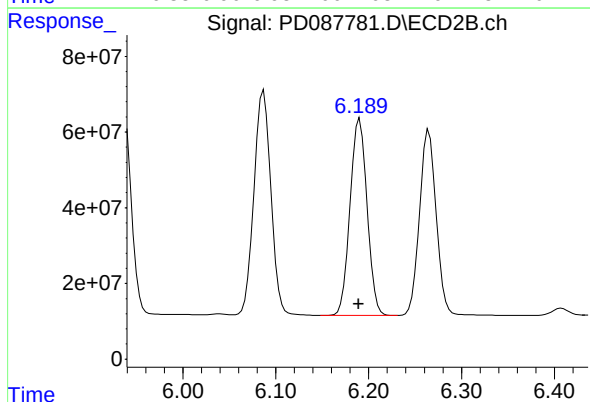
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.001 min
Response: 122333739
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

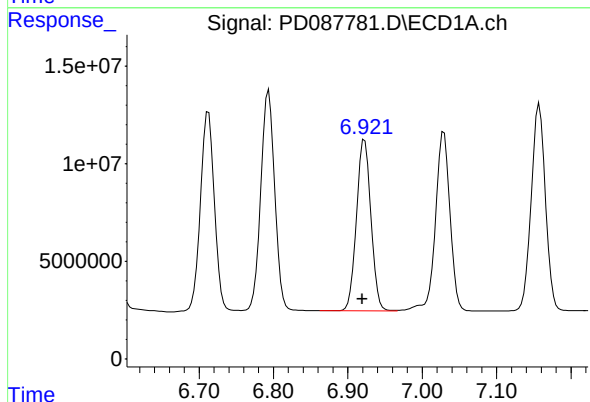
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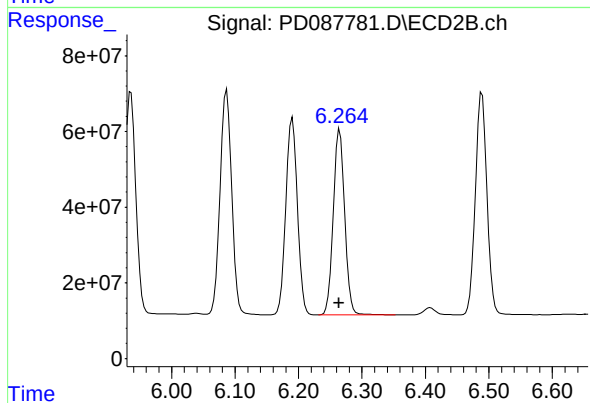
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 662971058
Conc: 49.25 ng/ml



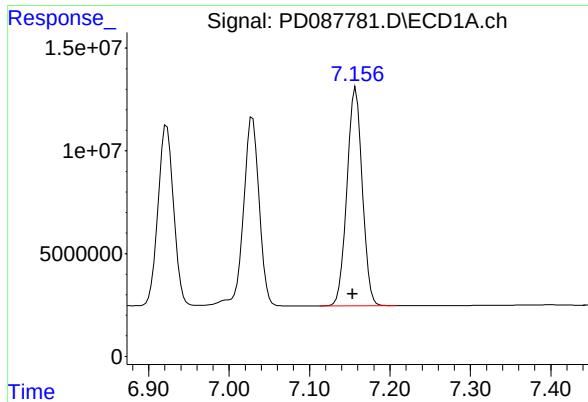
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 118468598
Conc: 51.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 613320008
Conc: 52.61 ng/ml



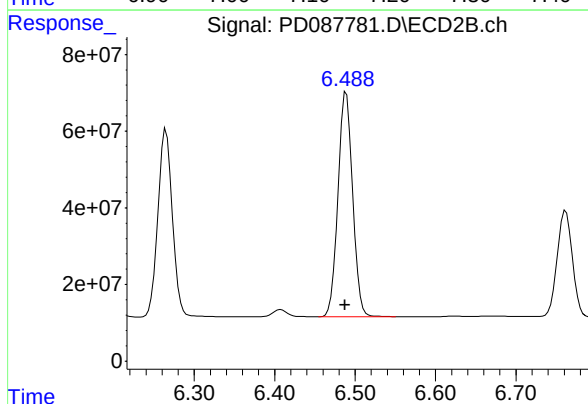
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.004 min
Response: 140164300
Conc: 51.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

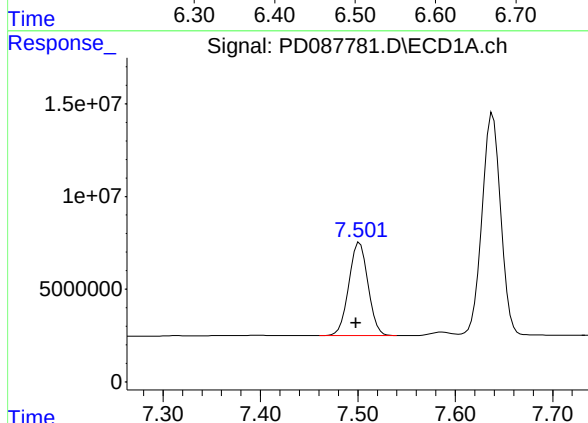
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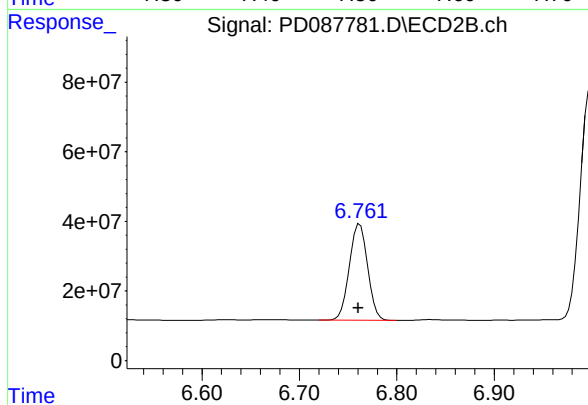
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 743781021
Conc: 52.31 ng/ml



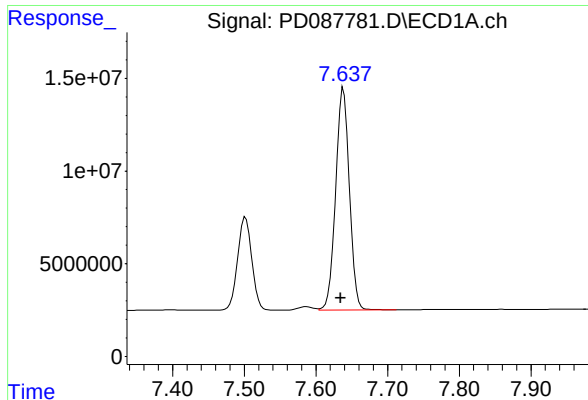
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 68453170
Conc: 46.64 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 360918089
Conc: 47.23 ng/ml



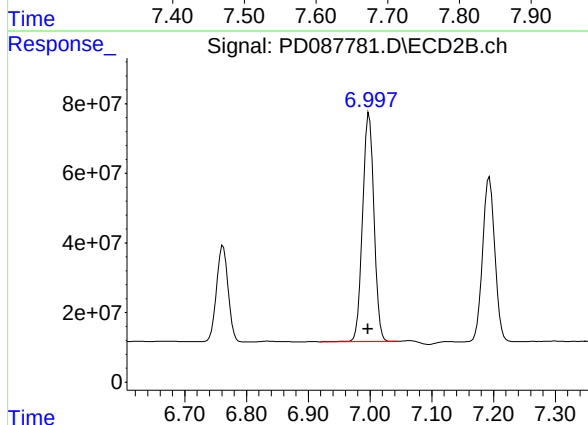
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.004 min
Response: 160131795
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

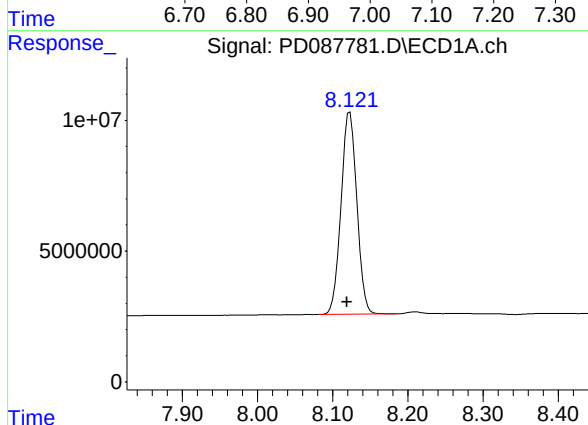
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Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



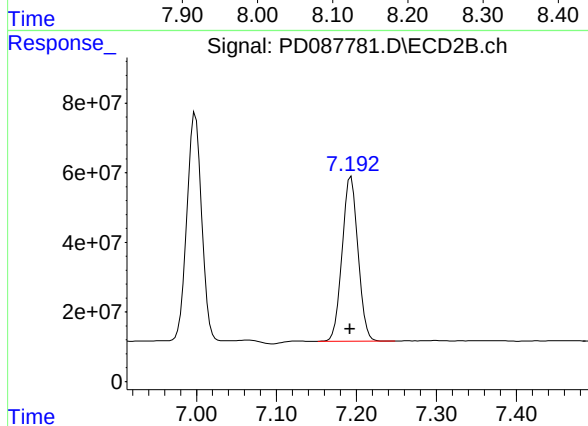
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 841198962
Conc: 53.91 ng/ml



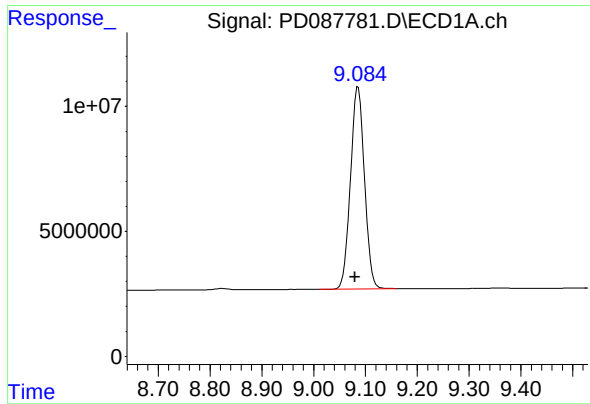
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.004 min
Response: 113157946
Conc: 48.81 ng/ml



#22 Mirex

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 651067735
Conc: 51.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.006 min
Response: 151383357
Conc: 49.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

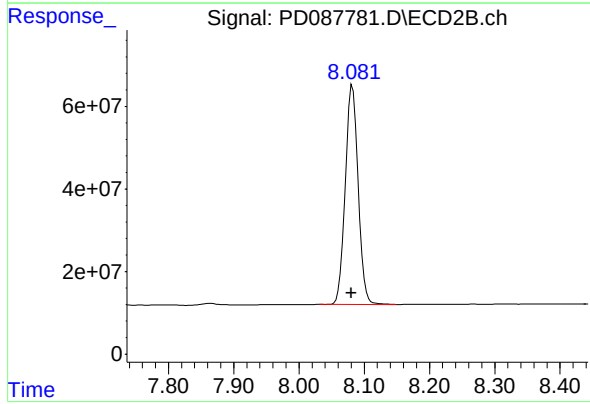
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.001 min
Response: 728744409
Conc: 51.57 ng/ml