

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 11:03
 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 04:21:48 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	106.5E6	659.6E6	53.477	54.848
2) SA Decachlor...	9.085	8.081	153.0E6	725.2E6	50.172	51.318
Target Compounds						
2) A alpha-BHC	4.005	3.396	226.6E6	1032.9E6	56.312	55.261
3) MA gamma-BHC...	4.335	3.733	219.7E6	967.1E6	55.218m	54.470
4) MA Heptachlor	4.937	4.087	200.6E6	902.8E6	53.823	52.111
5) MB Aldrin	5.278	4.373	207.2E6	954.3E6	54.142	54.619
6) B beta-BHC	4.521	4.029	83180298	406.9E6	52.690	53.347
7) B delta-BHC	4.770	4.266	222.7E6	981.0E6	55.207	54.213
8) B Heptachlo...	5.698	4.878	182.6E6	849.9E6	53.439	53.814
9) A Endosulfan I	6.081	5.253	167.6E6	800.0E6	53.220	53.677
10) B gamma-Chl...	5.953	5.131	176.5E6	880.9E6	53.417	54.159
11) B alpha-Chl...	6.034	5.196	177.0E6	856.5E6	53.147	53.686
12) B 4,4'-DDE	6.203	5.381	161.2E6	855.9E6	53.437	54.401
13) MA Dieldrin	6.354	5.518	180.5E6	877.2E6	53.440	53.844
14) MA Endrin	6.581	5.794	146.1E6	760.0E6	50.424	51.028
15) B Endosulfa...	6.793	6.086	146.1E6	755.8E6	50.888	52.946
16) A 4,4'-DDD	6.712	5.936	131.8E6	721.7E6	54.780	54.583
17) MA 4,4'-DDT	7.027	6.190	123.9E6	666.6E6	48.115m	49.519
18) B Endrin al...	6.922	6.264	118.9E6	613.0E6	51.322	52.588
19) B Endosulfa...	7.156	6.489	140.9E6	745.0E6	51.393	52.400
20) A Methoxychlor	7.500	6.762	69700979	356.0E6	47.485	46.583
21) B Endrin ke...	7.638	6.997	159.8E6	834.6E6	51.961	53.485
22) Mirex	8.122	7.192	113.8E6	652.1E6	49.100	51.496

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 11:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

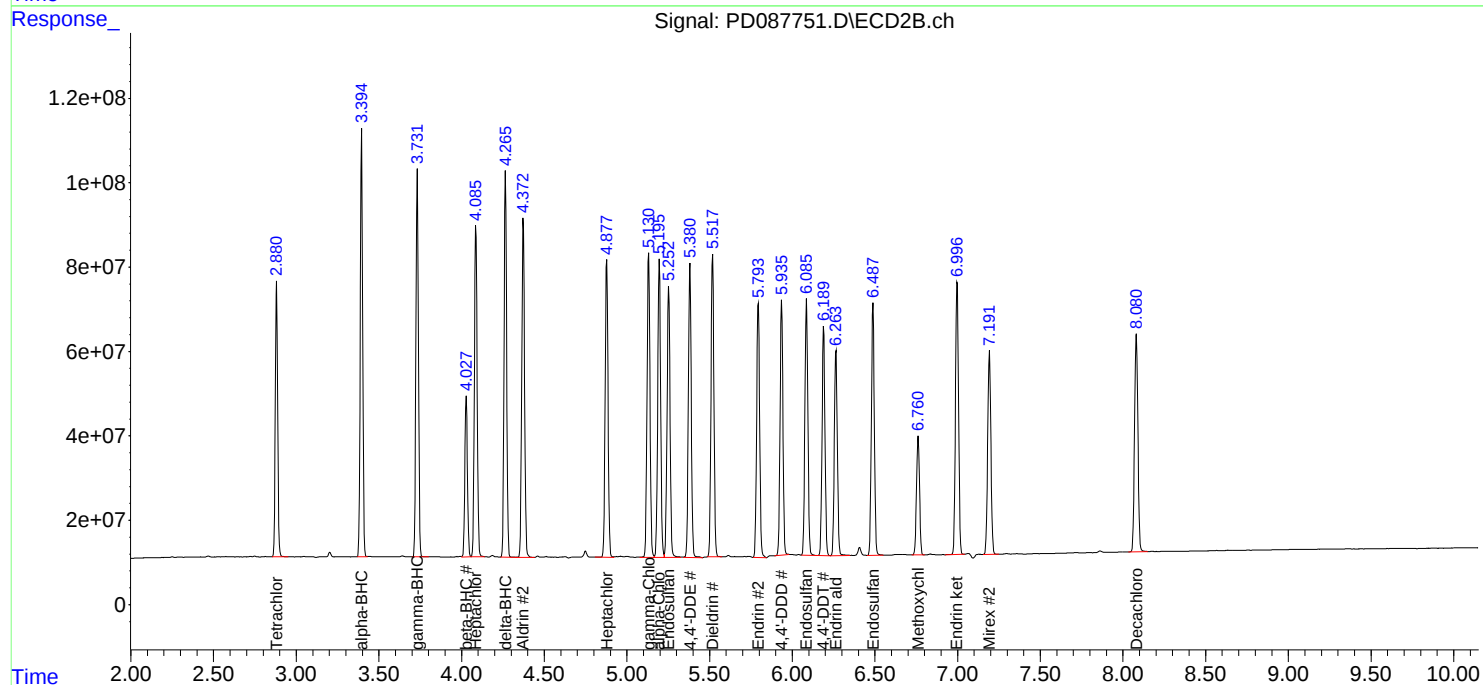
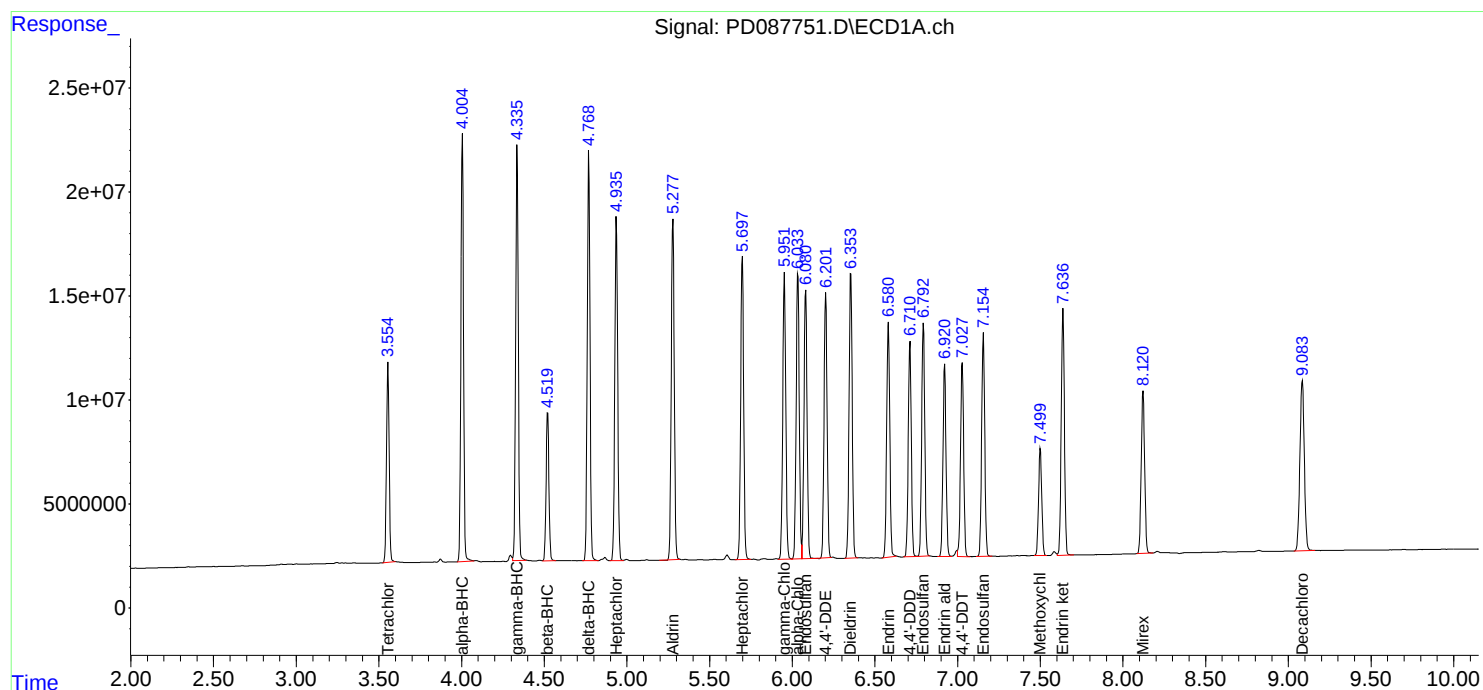
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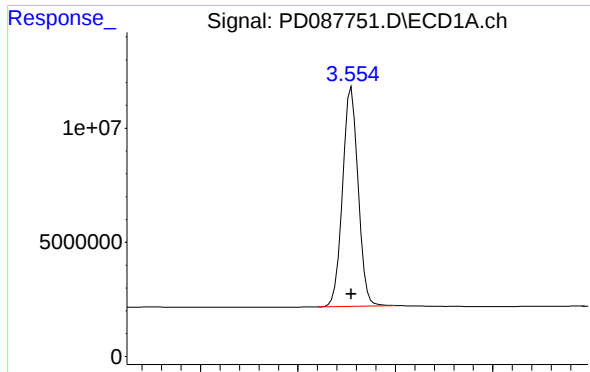
Reviewed By :Abdul Mirza 02/07/2025

Supervised By :Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:21:48 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





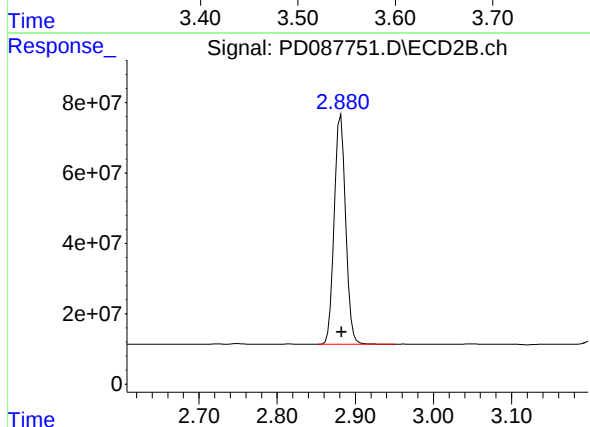
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 106544003
Conc: 53.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

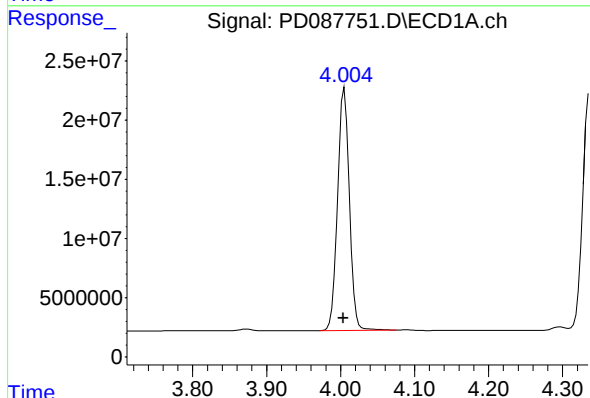
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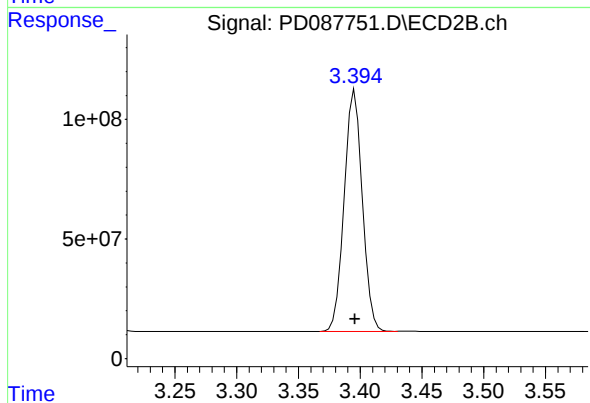
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 659644070
Conc: 54.85 ng/ml



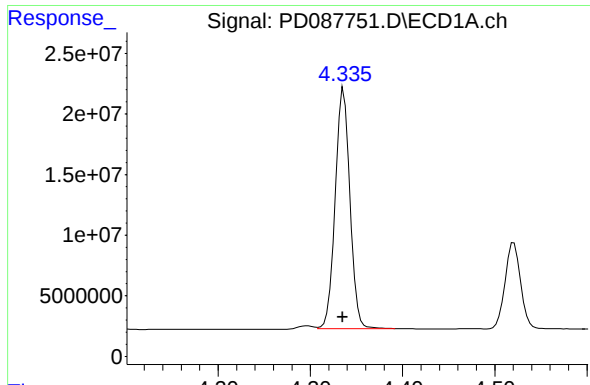
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 226617352
Conc: 56.31 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1032921209
Conc: 55.26 ng/ml



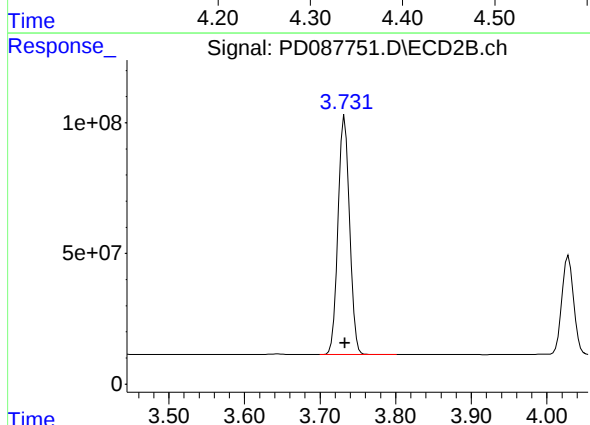
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 219741528
Conc: 55.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

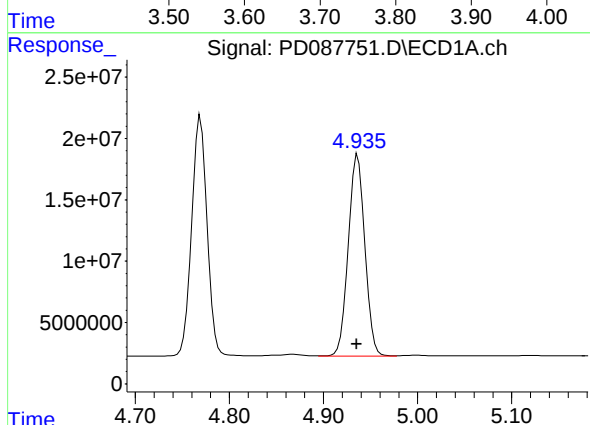
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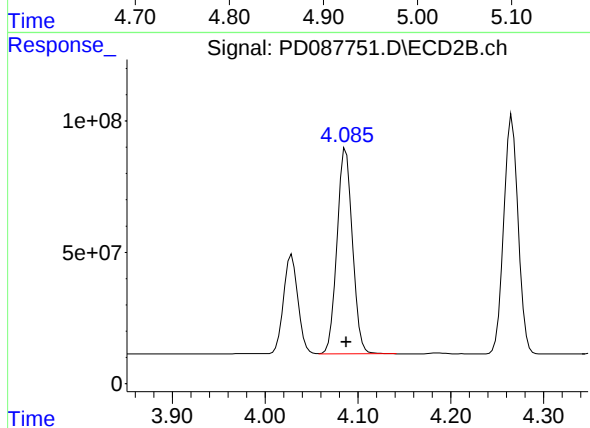
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 967090204
Conc: 54.47 ng/ml



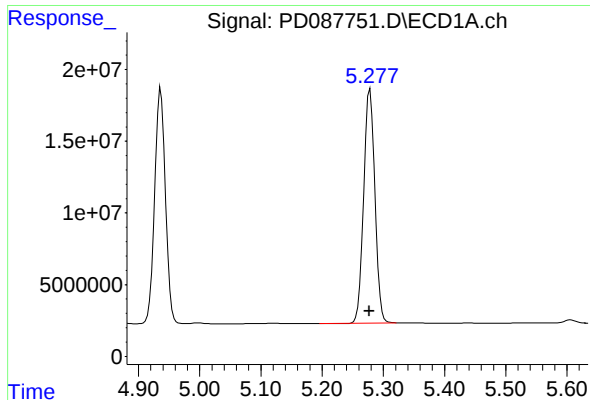
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 200643158
Conc: 53.82 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 902778089
Conc: 52.11 ng/ml



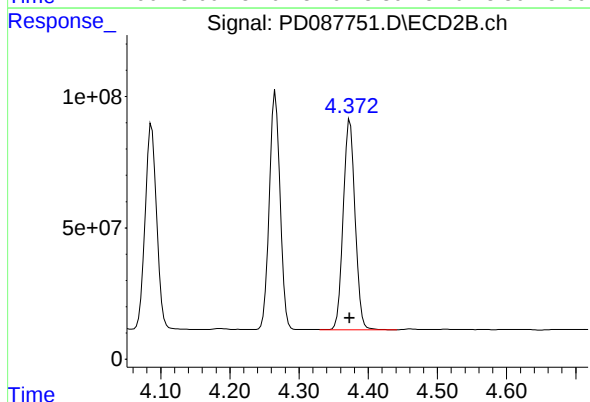
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.001 min
Response: 207239322
Conc: 54.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

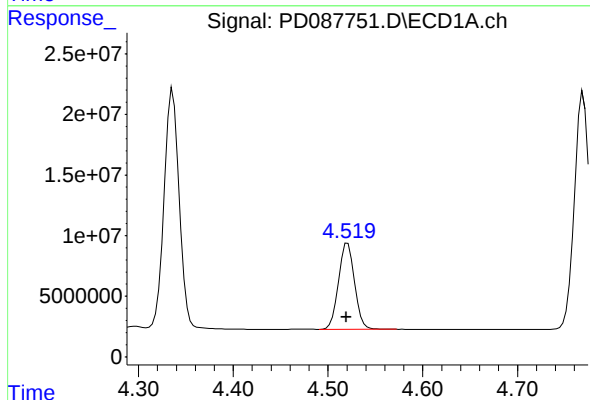
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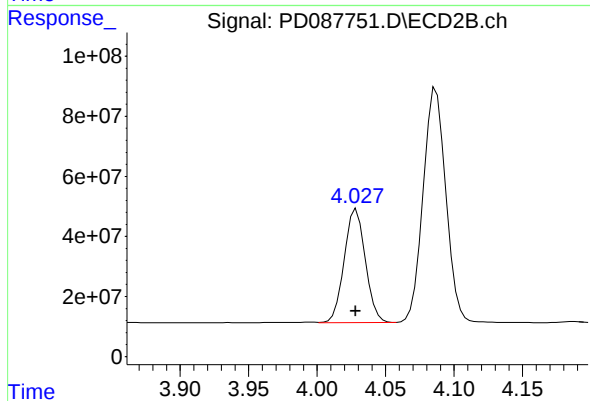
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 954310937
Conc: 54.62 ng/ml



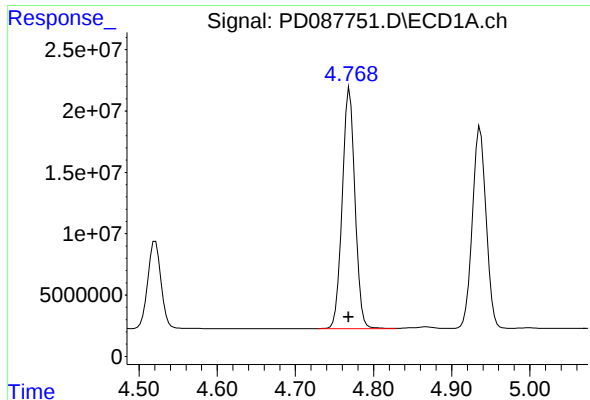
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 83180298
Conc: 52.69 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 406873620
Conc: 53.35 ng/ml



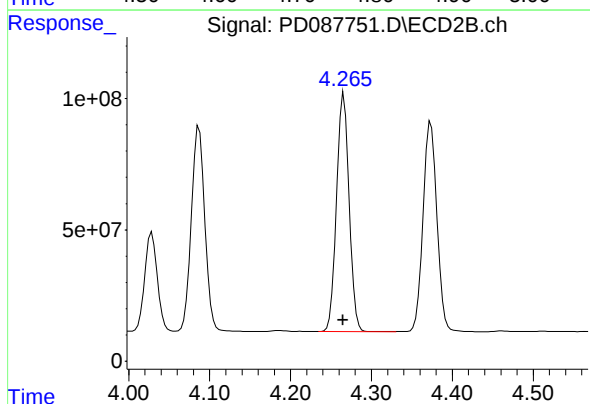
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 222684675
Conc: 55.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

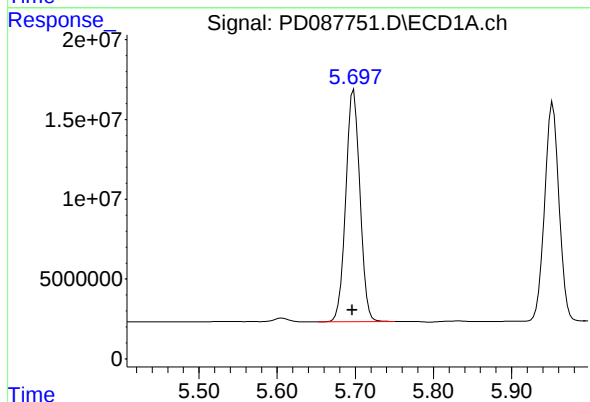
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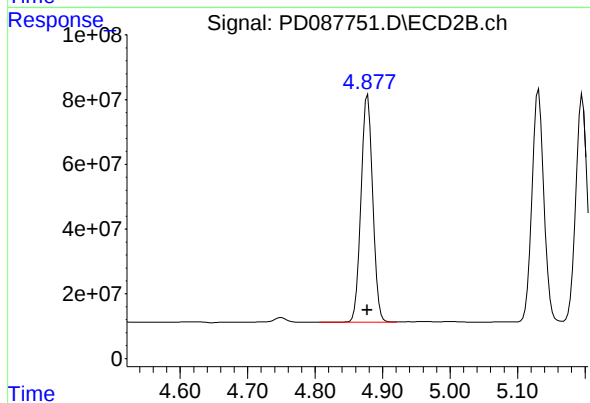
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 981048247
Conc: 54.21 ng/ml



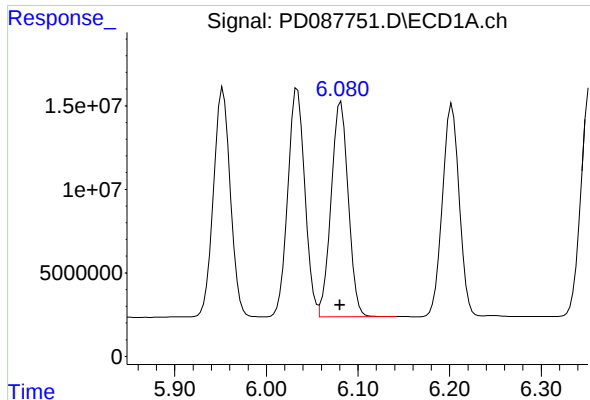
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 182631565
Conc: 53.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 849904660
Conc: 53.81 ng/ml



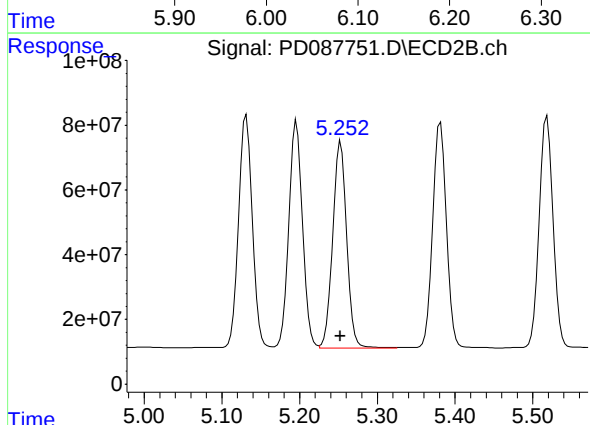
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 167643141
Conc: 53.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

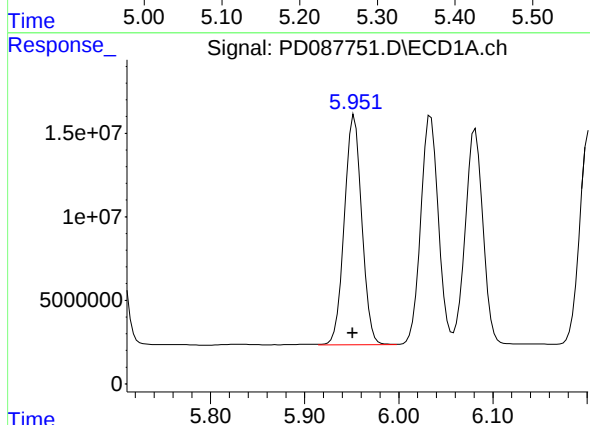
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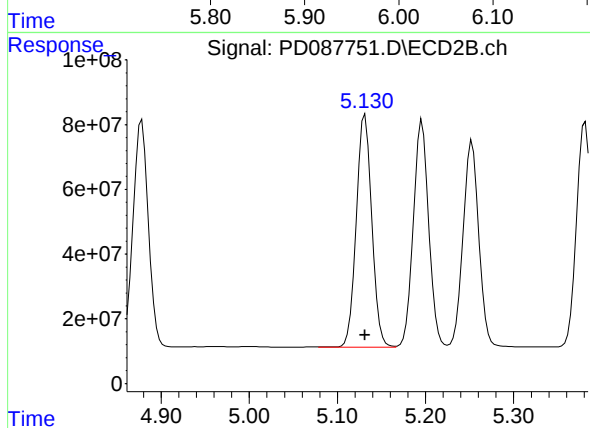
#9 Endosulfan I

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 799994871
Conc: 53.68 ng/ml



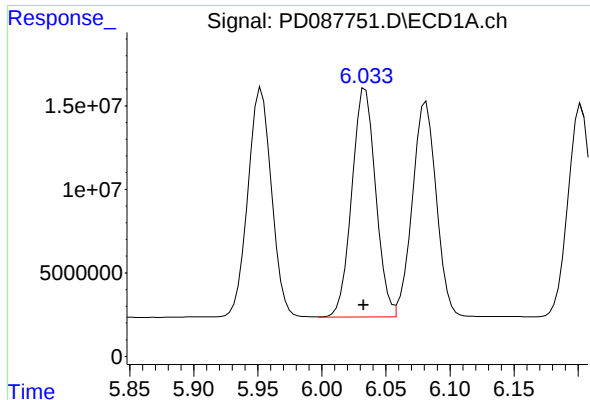
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 176546924
Conc: 53.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 880876477
Conc: 54.16 ng/ml



#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.001 min
Response: 177036315
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#11 alpha-Chlordane

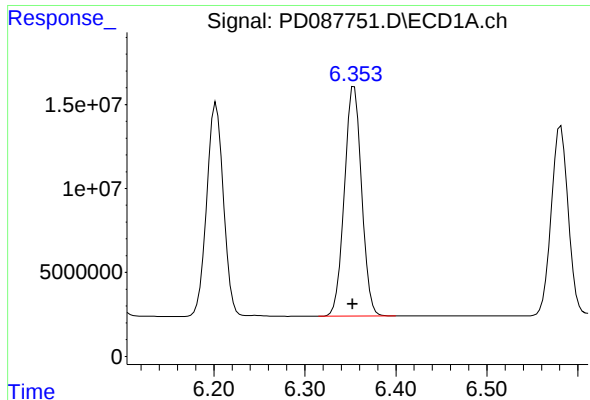
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 856510903
Conc: 53.69 ng/ml

#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 161244285
Conc: 53.44 ng/ml

#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 855949197
Conc: 54.40 ng/ml



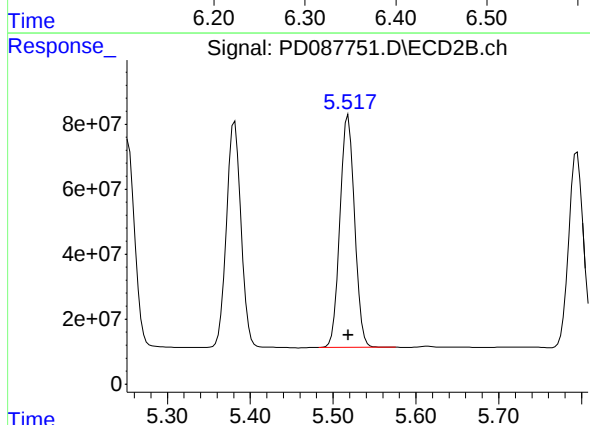
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 180472185
Conc: 53.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

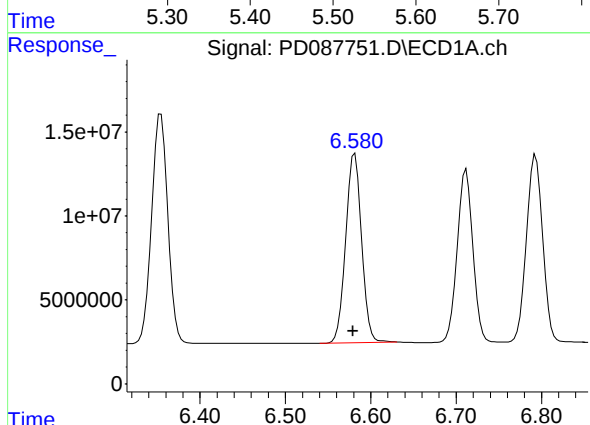
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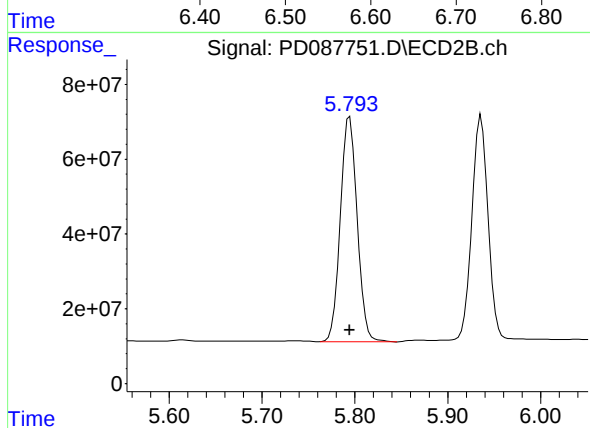
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 877169792
Conc: 53.84 ng/ml



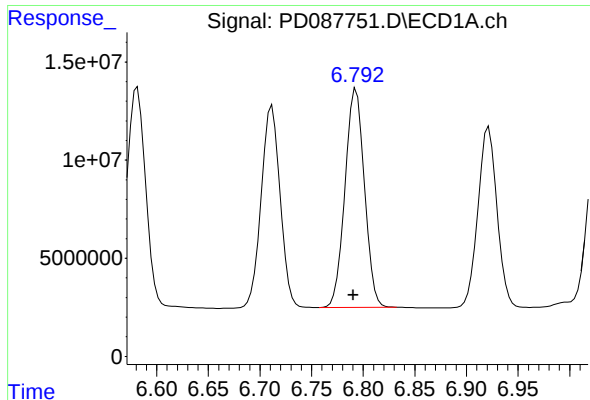
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 146126980
Conc: 50.42 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 759989326
Conc: 51.03 ng/ml



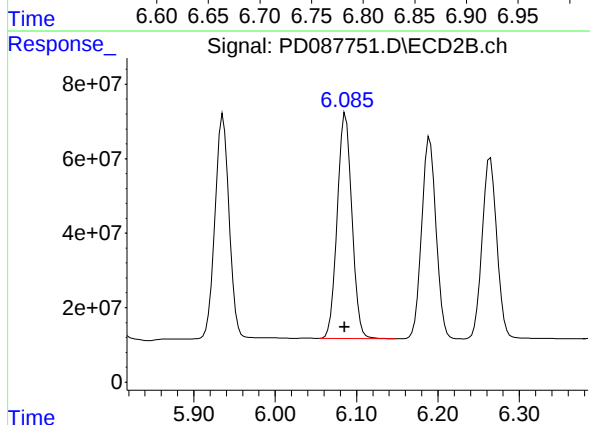
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 146099814
Conc: 50.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

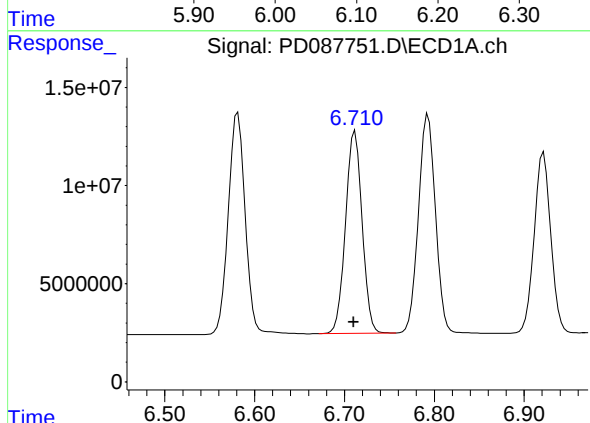
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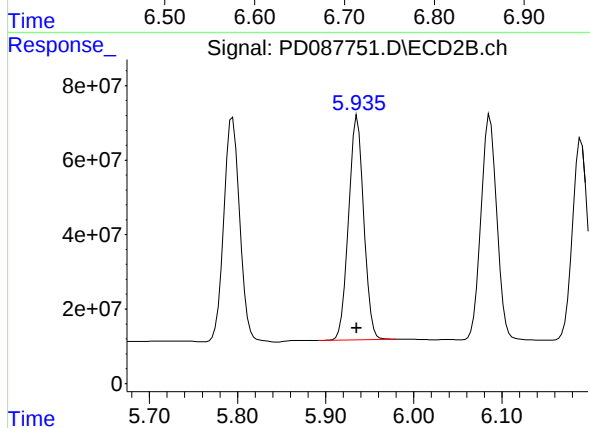
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 755822533
Conc: 52.95 ng/ml



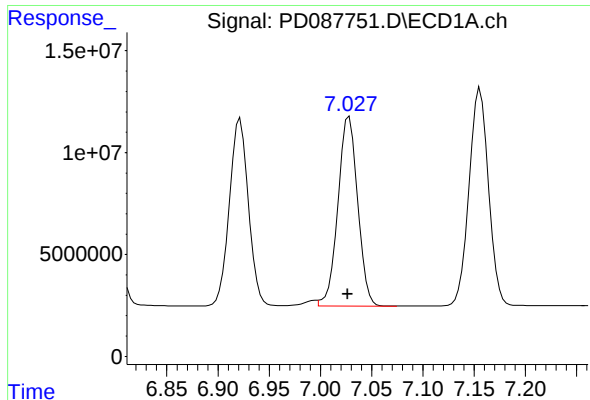
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 131844445
Conc: 54.78 ng/ml



#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 721702596
Conc: 54.58 ng/ml



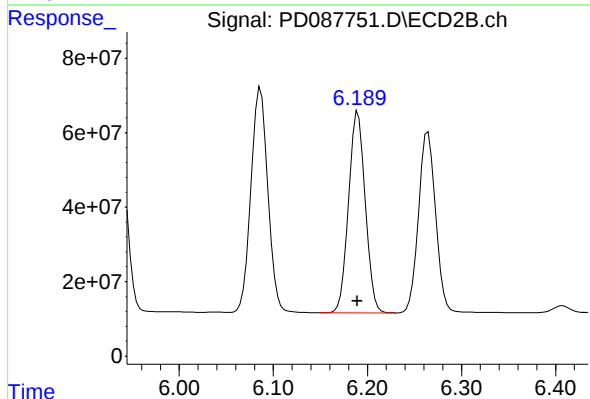
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 123925494
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

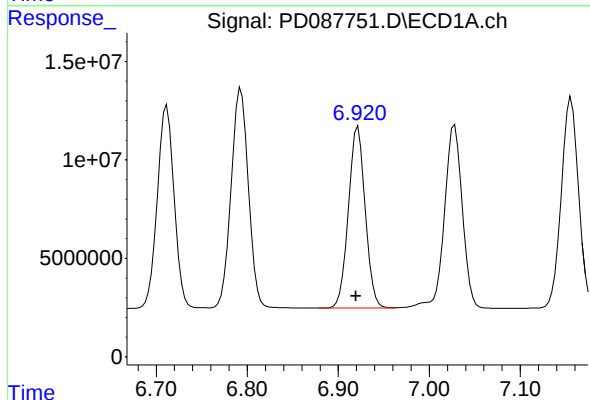
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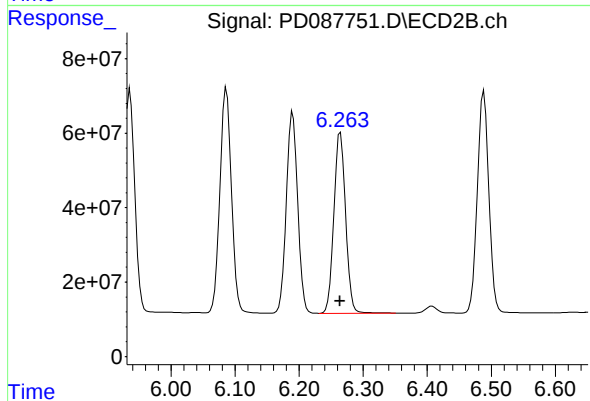
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 666555723
Conc: 49.52 ng/ml



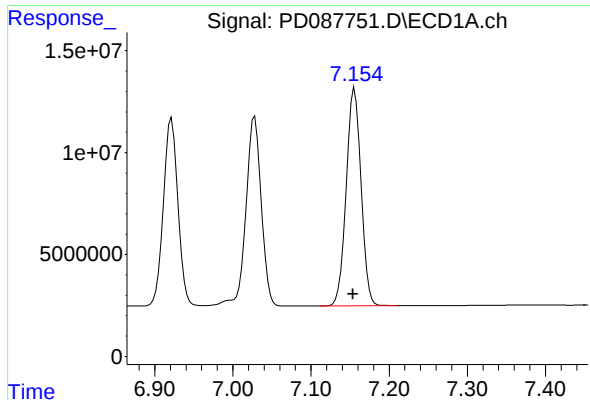
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 118892648
Conc: 51.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 613042591
Conc: 52.59 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 140901909
Conc: 51.39 ng/ml

Instrument :

ECD_D

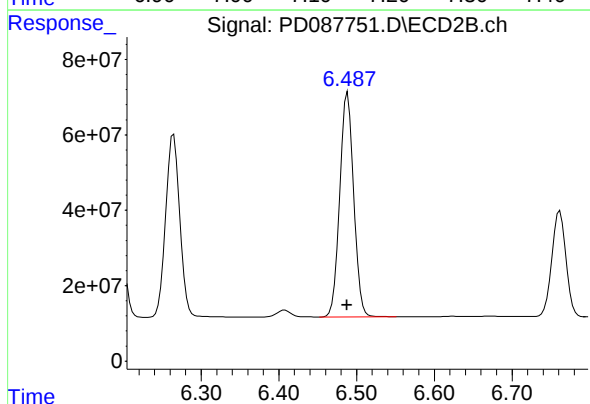
ClientSampleId :

PSTDCCC050

Manual Integrations

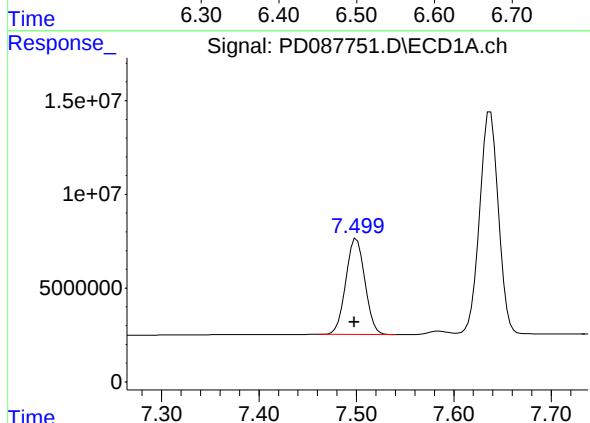
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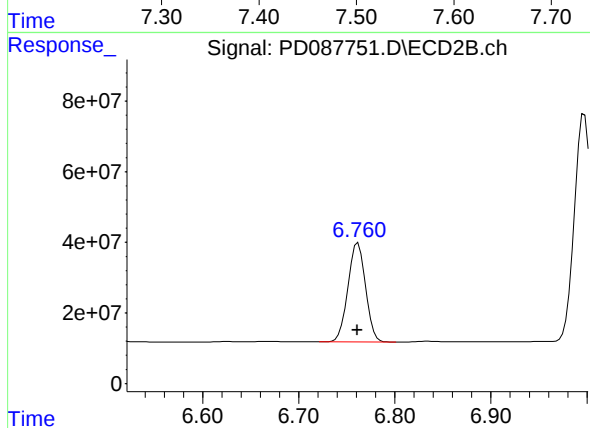
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.001 min
Response: 745027394
Conc: 52.40 ng/ml



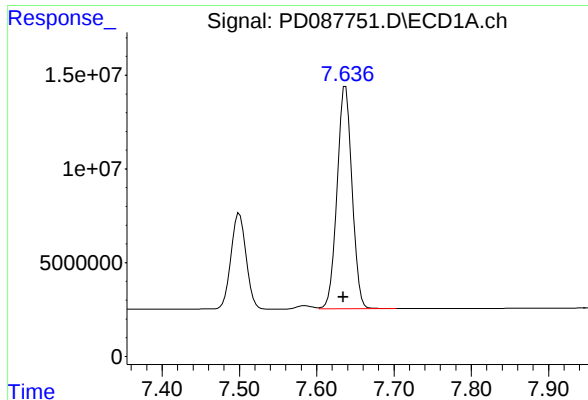
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 69700979
Conc: 47.49 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 356005182
Conc: 46.58 ng/ml



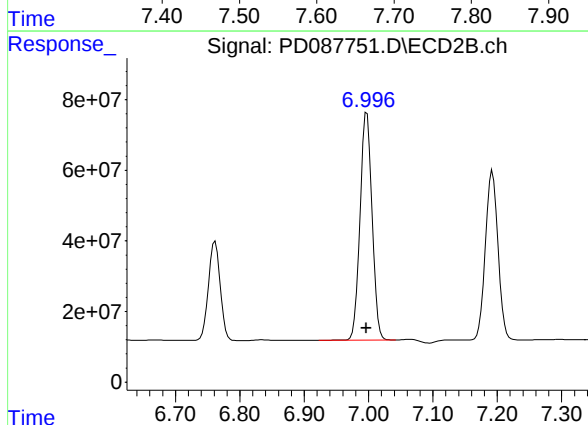
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 159778090
Conc: 51.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
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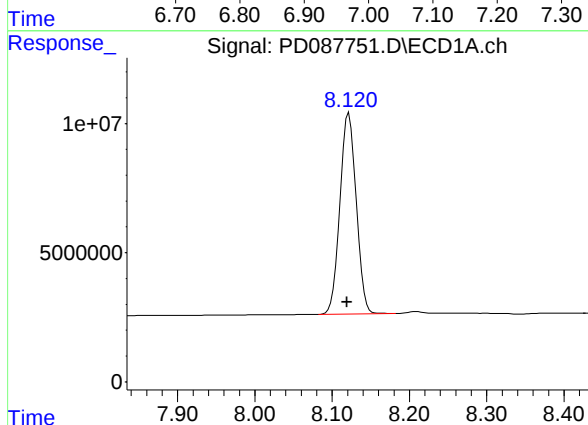
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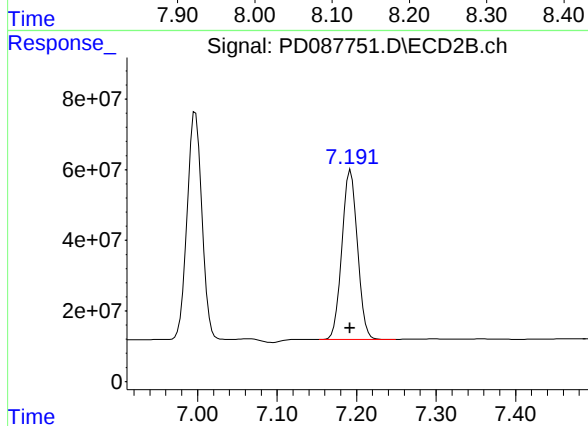
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 834559102
Conc: 53.48 ng/ml



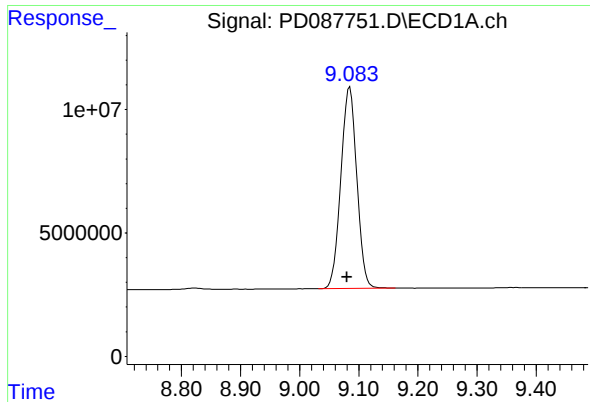
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.003 min
Response: 113819070
Conc: 49.10 ng/ml



#22 Mirex

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 652058877
Conc: 51.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 153025779
Conc: 50.17 ng/ml

Instrument :

ECD_D

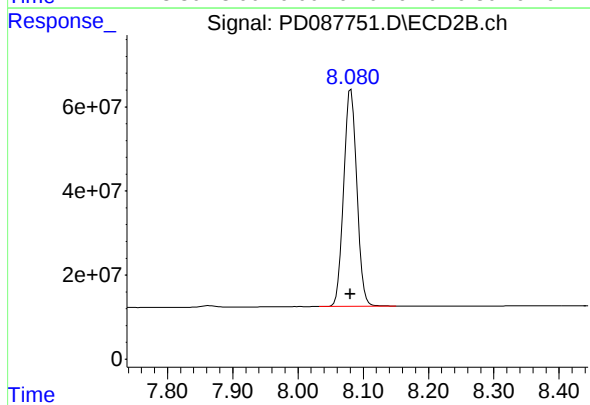
ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 725236669
Conc: 51.32 ng/ml